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OLDS' CATALOG 1914

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Agriculture



**SEEDS
FOR THE
FARM
AND
GARDEN**

**THIS IS
OUR
27th
SEASON**



L.L. OLDS SEED CO. MADISON, WIS.



PERSONAL GREETING.

Madison, Wis., Jan. 1, 1914

Dear Friends and Customers:

Thinking it might be of interest to you to look at the faces of the men who are associated with me in the business which has now grown to such large proportions here at Madison, I present a photograph of our Board of Directors seated around the table in my new private office.

Beginning at the right hand as you look at the picture the first gentleman is Dr. Charles S. Sheldon, president of the Wisconsin State Medical Association and one of the best known physicians in the state. Dr. Sheldon is also a director of the Commercial National Bank of Madison.

Next is Mr. S. A. Wilson, who is Secretary and Assistant Manager of our company. Mr. Wilson who received his training under Burpee twenty-five years ago has general charge of the Garden Seed Department and most of the correspondence pertaining to Garden Seeds is attended to by him. He writes the Garden Seed part of the catalogue.

Next in order is Mr. W. D. Curtis, Vice-President of our company and a large stockholder. Mr. Curtis was formerly Mayor of Madison, was for four years active head of the Commercial National Bank and is now owner and manager of the Dexter Curtis Company, the largest collar pad manufacturers in the world. Mr. Curtis is one of the strongest financial men of Madison.

Mr. Charles N. Brown who sits next, is one of the best known attorneys of Madison. Mr. Brown is Vice President of the Commercial National Bank, also Curator of the State Historical Society, Treasurer of the Madison General Hospital and prominent in other public enterprises.

Next is Mr. T. S. Morris, President and Manager of the T. S. Morris Company, Wholesale Paper, Stationery and Notions. A year ago Mr. Morris, who has built up a large and prosperous business covering the whole of Wisconsin and reaching into other states, moved into his fine new building which adjoins our own. Mr. Morris is also Secretary of the Madison General Hospital.

Mr. E. F. Riley, Treasurer of our Company, is well known throughout the state as a financial man and a man of good business judgment. Mr. Riley was for 20 years Secretary of the Board of Regents of the University of Wisconsin and is now Secretary and Trust Officer of the Savings Loan and Trust Company of Madison, President of the Madison Realty Company, the largest of our many real estate organizations, and Director in several other companies.

The last in the semi-circle is the writer. The business was begun by me in 1888, 26 years ago at Clinton, Wis., the first catalogue, a four-page circular devoted to seed potatoes only going out that year. The business grew and other lines were added until in 1903 I incorporated with a capital stock of \$50,000. Have been President and General Manager of the company since that time, giving personal attention to the Field Seeds. Our stock is now \$100,000, all paid in.

A few words about our new building which we have been occupying since November first. The building is constructed entirely of steel, brick and concrete and is strictly fire-proof. The size is 125 by 60 feet, five floors including basement, with a floor space of 37,500 square feet or nearly one acre. It is located on Williamson Street, the main east side thoroughfare, two blocks from the C. & N. W. depot and three blocks from our former location. Call and see us when you come to Madison. The latch string is out and we shall be glad to show you through the building.

In closing this letter of greeting I want to personally thank all who have so generously patronized me during the years that are past. Whatever reputation I may have has been built up by honest dealing and I will stand for no trickery or misrepresentation. I propose to see to it that everyone who orders of our company gets full value for his money and the character and standing of the men on our Board of Directors is sufficient guarantee as to our financial responsibility and integrity.

Yours very truly,

L. L. Olds, President and General Manager,
L. L. OLDS SEED COMPANY.

INSTRUCTIONS FOR ORDERING.

PLEASE USE ORDER SHEET found in catalogue in making out your order, and retain a copy. If you have occasion to write us about the order later give post-office address from which the order was mailed. Bill of Lading for every freight shipment is mailed when shipment is made.

WE ACKNOWLEDGE ORDERS when received, and the same are filled and shipped as promptly as possible. If part of the order is for garden seeds in packets they are sent at once by mail and that answers as an acknowledgment of the order.

WE USUALLY SHIP BY FREIGHT unless otherwise instructed. See table of freight rates below. We have three railroads here at Madison, C. M. & St. P., C. & N. W. and Ill. Central.

NO SEEDS BY PARCEL POST. Do not order seeds and potatoes sent by parcel post. They cannot go that way as the zone rates do not apply to seeds at all. Tools and miscellaneous things offered on the last pages of the catalogue can many of them however be sent by parcel post. See table on last page.

CUSTOMERS PAY FREIGHT OR EXPRESS on all goods unless they are offered postpaid. We have both the American and Wells Fargo Express Companies. There are special express rates everywhere on seeds. In the main the rate is 20 per cent less than the merchandise rate.

NO CHARGE FOR PACKING OR PACKAGES. Everything will be securely packed and labeled and delivered free at the Freight, Express or Post Office, without extra charge for packages except for a few items like clover seed, where bags are extra as noted in the catalogue.

PREPAID STATIONS. If there is no agent at your railroad station the freight has to be prepaid, and in such cases we must request you to send money with your order to cover the amount.

ORDER EARLY. Do this for two reasons. We can give your order more careful and prompt attention if received before we get into the rush of the spring shipping, and our assortment is complete then and we will not have to write for permission to substitute for varieties sold out.

OUR THREEFOLD GUARANTEE.

1. **QUALITY.** We guarantee all seeds and potatoes we send out to be as represented, and suitable for seed. But if they prove otherwise, we will refill the order or return the money, although we assume no further responsibility.

2. **SAFE ARRIVAL.** We guarantee everything we send out to arrive in good order. If potatoes freeze on the road we will refill the order if the time of shipping was left to our discretion. If any goods arrive in bad order, however, bags torn or anything else wrong, have this noted on the expense bill which must be sent us so that we can make proper claim.

3. **RECEIPT OF MONEY.** We will be responsible for all money sent us through the mails, if remittance is made by P. O. or Express Order, Draft or Registered Letter. We will also accept personal checks at face value. Small amounts, less than \$1.00, may be sent safely in postage stamps.

OUR PURPOSE.

To have the best of everything; to send out a neat, attractive catalogue with truthful illustrations and descriptions; to be prompt; to be courteous; to be satisfied with small profits; to be honorable in our dealings, and to treat every customer so that he will want to order again. In short, to treat him as we would like to be treated.

OUR RESPONSIBILITY.

Some new customers may hesitate to send us money as they may never have heard of any of us. We should be pleased to have such inquire as to our responsibility (enclosing stamp) of Bradstreet's or Dun's Commercial Agencies, of The First National Bank or Commercial National Bank, Madison, or of any of the agricultural papers.

FREIGHT RATES FROM MADISON, WIS., IN EFFECT JAN. 1, 1914.*

Per 100 Lbs., in Barrels, Boxes or Sacks, Less than Car Lots.

(Potatoes, Garden Seeds and Grass Seeds go as third class; Grain, Corn, etc., fourth class.)

	3rd.	4th.		3rd.	4th.		3rd.	4th.
Ashland.....Wis.	\$.44	\$.28	Cedar Rapids.....Iowa	\$.35	\$.24	Columbus.....Ohio	\$.51.5	\$.35.5
Baraboo....."	.18	.13	Clinton....."	.23.1	.18.7	Toledo....."	.49	.33.5
Beloit....."	.19.5	.14	Des Moines....."	.40	.29	Detroit.....Mich.	.49	.33.5
Dodgeville....."	.19.5	.14	Ottumwa....."	.36	.26	Grand Rapids....."	.47.5	.32.5
Evansville....."	.14	.11	Shenandoah....."	.45	.32	Marquette....."	.40	.28
Fond du Lac....."	.24	.17.5	Sioux City....."	.45	.32	Saginaw....."	.49	.33.5
Green Bay....."	.24	.17.5	Waterloo....."	.40	.25	Buffalo.....N. Y.	.52	.36.5
Janesville....."	.18	.13	Albert Lea.....Minn.	.40	.25	New York....."	.72	.50.5
La Crosse....."	.27	.21.5	Duluth....."	.44	.23	Rochester....."	.59	.41.5
Lake Mills....."	.16	.12	St. Paul....."	.40	.25	Philadelphia.....Pa.	.70	.48.5
Lodi....."	.12	.10	Winona....."	.33	.23	Pittsburgh....."	.55.5	.38.5
Lone Rock....."	.19	.13.5	Aberdeen.....So. Dak.	.67	.50	Boston.....Mass.	.77	.54.5
Mazomanie....."	.14	.11	Mitchell....."	.67	.47	Baltimore.....Md.	.69	.47.5
Millwaukee....."	.24	.17.5	Sioux Falls....."	.47	.33.5	Richmond.....Va.	.69	.47.5
Monroe....."	.18	.13	Fargo.....No. Dak.	.77	.54	Louisville.....Ky.	.51.5	.35.5
Mount Horeb....."	.14	.11	Hastings.....Neb.	.83	.62	Atlanta.....Ga.	.04	.81
Portage....."	.18	.13	Kearney....."	.89	.69	Birmingham.....Ala.	.84	.65
Stoughton....."	.10	.09	Lincoln....."	.49	.36	Little Rock.....Ark.	.77	.59
Wausau....."	.30.5	.21	Omaha....."	.45	.32	Oklahoma City.....Okla.	.07	.87
Watertown....."	.18	.13	Atchison.....Kans.	.45	.32	Dallas.....Tex.	.16	1.05
Bloomington.....Ills.	.25.5	.19.8	Topeka....."	.64	.47	Denver.....Colo.	1.10	.85
Chicago....."	.25.5	.17.5	Kansas City.....Mo.	.45	.32	Cheyenne.....Wyo.	1.10	.85
Decatur....."	.27.1	.21.7	Springfield....."	.50	.37	Miles City.....Mont.	1.55	1.18
Elgin....."	.25.5	.17.5	St. Louis....."	.31.5	.25	Helena....."	1.85	1.49
Freeport....."	.19.9	.15	Evansville.....Ind.	.50.5	.34.5	Spokane.....Wash.	2.09	1.75
Peoria....."	.26.5	.21	Ft. Wayne....."	.47.5	.31	Portland.....Ore	2.45	2.07
Quincy....."	.31	.24.7	Indianapolis....."	.47	.31.5	Ogden.....Utah	1.72	1.39
Rockford....."	.19.5	.14.3	Terre Haute....."	.47	.31.5	San Francisco.....Cal.	2.45	2.07
Springfield....."	.27.8	.22.1	Cincinnati.....Ohio	.50.5	.34.5	Los Angeles....."	2.45	2.07
Woodstock....."	.19.5	.14.3	Cleveland....."	.51.5	.35.5	New Orleans.....La.	.79	.61

(From The Grain Dealers' Journal of Dec. 10, 1913.)

NEW SEED WAREHOUSE AT MADISON, WIS.

"The L. L. Olds Seed Co., Madison, Wis., recently moved into its new \$50,000 warehouse.

"The building is 60 by 125 ft. and four stories high. The retail store and shipping rooms are on the first floor. The second floor will be devoted to field seeds. Garden seeds and the offices occupy the third floor. On the fourth floor are eleven storage bins. The basement will be utilized for potato storage.

"The equipment includes a Clipper Cleaner, elevator leg and mixing machinery.

"The house is built of concrete and steel with an ornamental brick and stone front and brick wall panels. In

the rear are two switch tracks, giving ample transportation facilities.

"L. L. Olds began in the seed business on a farm near Clinton, Wis., in 1888, raising all of his own seeds. In 1899 he erected a warehouse at Clinton, Wis. Four years later he incorporated the L. L. Olds Seed Co. for \$50,000, and in 1903, when the Clinton warehouse burned, the company moved to Madison, Wis. The business of the company has doubled twice in the five years it has been established at Madison, sales in 1912 exceeding those in 1911 by 45 per cent. The new warehouse gives the company ample facilities and should result in the unchecked growth of its business."



Wisconsin's Exhibits at the Last International Corn Exposition at Columbia, S. C., Feb., 1913. Wisconsin Carried Off "World's Sweepstakes" on Wisconsin Pedigree Barley, Wisconsin Pedigree No. 1 Oats, Blue Ribbon Wheat, Wis. Ped. No. 1 Rye, Silver Hull Buckwheat, Clover and Alfalfa.

FIELD SEED DEPARTMENT.

Our Field Seeds are inspected by the Wisconsin College of Agriculture and germination and purity tests as given by them are furnished with every shipment that goes out.

Buy Pure Seeds Only. You are entitled to them. If anyone in Wisconsin offers you anything in the Field Seed line containing noxious weeds in quantity greater than one to 1,000 or seed that does not carry a tag showing complete tests, etc., he is violating the law and subject to fine. Farmers also, as well as seed dealers are subject to the same law. Wild oats, Canada thistle, quack grass, wild mustard, Indian mustard, dodder, corn cockle, ox-eye daisy, butter and eggs, sow thistle and buckhorn are all noxious weeds. Look out for them. The revised Wisconsin law also requires that for corn, small grain and alfalfa the locality where grown shall be given.

Our Guarantee. Read what we say about guaranteeing quality on the preceding page. This applies to all the seeds we offer both Field Seeds and Garden Seeds. However mistakes sometimes occur in spite of the utmost care and we will not assume responsibility further than the amount sent us.

FREE SAMPLES BY MAIL.

We furnish small samples to intending purchasers free on request of any of our Field Seeds except those that are sold in packets. Our samples are of unusual value because we print purity and germination tests on the sample bags. Following our custom we are making up a collection of samples of the leading varieties, the ones that our customers are likely to be most interested in, which we call our "Free Sample Collection of Field Seeds." This is made up as follows:

- Wisconsin Pedigree No. 1 Oats. Best oat ever bred for rich soils. Page 8.
- Wisconsin Pedigree No. 5 Oats. From Swedish Select. Best show oat. Page 9.
- Regenerated Swedish Select Oats, Canadian Grown. Heaviest and nicest looking. Page 10.
- Wisconsin Pedigree Barley. World's Champion five years in succession. Page 12.
- Montana White Hullless Barley. No beards or hulls. Page 13.
- Marquis Wheat. A wonderful new spring wheat. Page 14.
- Medium Red Clover, Old Gold Brand. Best and purest. Page 19.
- Alsike Clover, Old Gold Brand. Pure, bright seed. Goes further than Red Clover. Page 19.
- Olds' Fancy Nebraska Alfalfa. Brightest, purest seed from non-irrigated land. Page 20.
- Timothy, Old Gold Brand. Olds' High Grade Wisconsin grown seed. Page 22.

OLDS' SEED CORN.

We make a specialty of Fancy Ear Corn and we are building up a great trade for it. Have been selling it on the ear in bushel crates for 9 years. The illustration on this page shows the style of bushel crate we use. Tops and bottoms are tight, while the spaces between the slats are lined with wire cloth, which prevents mice and thieves from getting in and corn from getting out. All our Wisconsin grown corn is fire-dried.

Our growers, who are mostly members of the Wisconsin Experiment Association and have been under Prof. Moore's training, must see to it that all the ears they furnish are choice ears, uniform in size and shape, true to type and free from any mixture. When we receive the corn here we inspect again and throw out every ear not up to standard.

OUR GUARANTEE.—Note what we say about guaranteeing quality on page one. This applies to corn, as well as other things. We guarantee to the extent of the amount sent us, no further. At the same time we like to have our customers test corn themselves and return it if not satisfactory.

GOLDEN GLOW. (Wisconsin No. 12.)

THE EARLIEST GOOD-SIZED CORN IN EXISTENCE.



This is the corn that many have been looking for, something earlier than Silver King and Murdock Yellow Dent and yet large enough to make it a profitable variety for general culture. It matures safely as far north as north central Wisconsin and yields big crops of good-sized ears.

Golden Glow was awarded first place at the last International Corn Show as the "Best Yellow Corn from the Northern Zone," and as we write this page (Dec. 15, 1913), we have just learned that the highest known yield of corn in Wisconsin the past season was obtained from Golden Glow. Charles Koschnick, a 20-year-old boy of Fond du Lac County, secured a yield of 133 bushels, 39 pounds from one acre of Golden Glow and has been pronounced by Prof. C. P. Norgord the "Champion Corn Grower of the State."

History. This is strictly a Wisconsin variety and to Prof. R. A. Moore, Agronomist at the Wisconsin Agricultural College, belongs the credit of bringing it out. It is a cross of Wis. No. 8 or Minn. No. 13 and Toole's North Star, the idea being to produce a corn combining the extreme earliness of the former with the larger ears and deeper kernels of the latter.

Description. Golden Glow is a pure golden yellow corn, most attractive in color and appearance. Ears are fairly large, averaging about 8 inches in length, symmetrical in shape, slightly tapering with exceptionally well-filled tips; kernels of good length for such an early corn, just a slight roughness at the outer ends and very free from a tendency to flintiness; stalks large and strong with abundant foliage making it a very desirable fodder or silo variety.

It is now pretty well established that Golden Glow is just as early as Wis. No. 8 or Minn. No. 13 and it is a much better corn. It is considerably larger with good sized ears that really compare favorably with some of the heavy yielding varieties. Look at the ears in the illustration below. All through the northern half of Wisconsin members of the Wis. Ex. Assoc. and other farmers are now getting big crops of splendid, well matured corn, where formerly nothing but flint corn was grown.

We have the best and largest stock of Golden Glow this year that we ever had. Our largest and finest stock is from Mr. A. L. Thompson of Trempealeau County, who furnished us such

a fine lot of Golden Glow last year. The accompanying illustration is of some of Mr. Thompson's corn. We have also some from Pierce and Eau Claire counties. These lots will be best for our northern customers.



We have a large stock also that grew in Dane, Sauk and Crawford counties and that will be all right for this latitude.

PRICES OF GOLDEN GLOW FOR 1914.

Ears: Bu., \$3.50; 5 bus. at \$3.35; 10 bus. at \$3.25. (Crates free. 70 pounds per bushel.)
Shelled: Pk., 90c; bu. (56 lbs.), \$3.25; 5 bus. at \$3.10; 10 bus. at \$3.00. (Grain bags free.)
Nebraska Grown, from Wisconsin seed last year, Shelled: Pk., 70c; bu., \$2.25; 5 bus. at \$2.10; 10 bus. at \$2.00. For complete corn price list see page 7.

\$100.00 IN CASH PREMIUMS.

We offer the following Cash Premiums for products grown from seed purchased of us this year.

AT WISCONSIN STATE FAIR, MILWAUKEE, FALL OF 1914.

Best 10 Ears Golden Glow Corn, from seed purchased of us.....	\$10.00
Best 10 Ears Silver King Corn, from seed purchased of us.....	10.00
Best 10 Ears Murdock Yellow Dent Corn, from seed purchased of us.....	10.00
Best Peck Oats, Any Variety, from seed purchased of us.....	10.00
Best Peck Barley, Any Variety, from seed purchased of us.....	10.00
Best Peck Wheat, Any Variety, from seed purchased of us.....	5.00
Collection Vegetables, from seed purchased of us, First Prize, \$15.00; Second Prize.....	10.00

AT WISCONSIN EXPERIMENT ASSOCIATION MEETING, WINTER OF 1915.

Best Half Peck Oats, Any Variety, from seed purchased of us.....	\$10.00
Best Half Peck Barley, Any Variety, from seed purchased of us.....	10.00
Best Half Peck Wheat, Any Variety, from seed purchased of us.....	5.00

MURDOCK YELLOW DENT.

For Two Years in Succession Sweepstakes Corn of the Northern Zone.



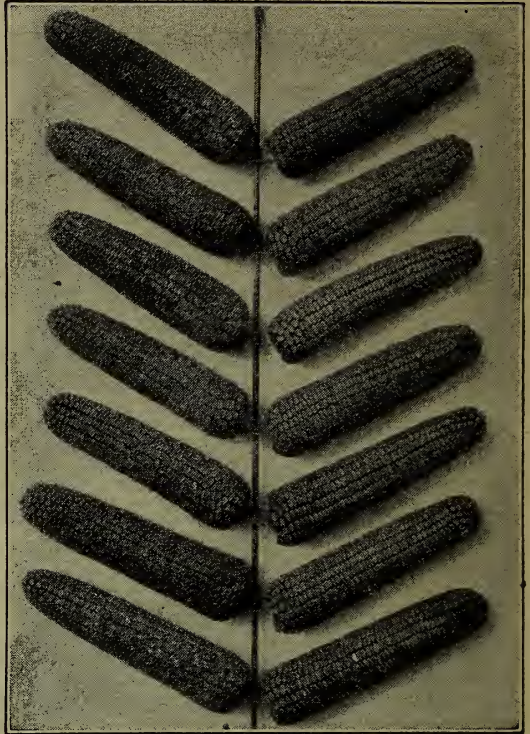
Murdock Yellow Dent was awarded sweepstakes for the Northern Zone, comprising the states of Wisconsin, Michigan, Minnesota, North Dakota and South Dakota, at the National Corn Expositions of 1909 and 1910 and this in competition with corn of all varieties. Mr. H. C. Brueckner of Jefferson County, Wisconsin, who is our largest grower of Murdock, was the exhibitor of this corn. He says, "I have grown Murdock for ten years and have improved it a great deal by the selection of seed. I have taken a premium at every show where I have shown corn." We believe he has the finest, most even grade of corn in the state.

Our illustration shows 14 ears of Mr. Brueckner's last crop of Murdock as displayed on one of our Knox Corn Hangers. These Corn Hangers which we handle (see page 82) and which most of our growers use are the up-to-date thing for drying seed corn. One of our growers writes: "I have 1,000 Knox Hangers full of corn besides about 90 bushels on laths. The corn on hangers is all first grade goods, the rest is second grade."

Murdock Yellow Dent is a pure yellow corn with ears averaging about 8 inches in length, very uniform in size and type. Kernels are very compact and solid on the cob, of good width, slightly rough on the outer ends and with hardly any tendency to flintiness such as is found in many other varieties. This is largely however a matter of breeding and selecting. Mr. Brueckner has taken great pains with his corn to breed it up to a uniform type and he has succeeded to a remarkable degree. There are no runout ears in his corn. The tips are perfectly filled out with dent kernels, not flinty kernels.

As to season, Murdock is the earliest corn we have in Wisconsin except Golden Glow and Wisconsin No. 8. It is earlier than Silver King and will yield as much. For a Wisconsin corn and a yellow variety, which is what most farmers want, it is without any question the very best to be found.

A further word about our Brueckner stock. Mr. Brueckner not only knows how to breed up corn but he knows how to select it. We never have to re-sort his corn. This is the fifth year we have handled his Murdock and those who have had some of it during the last four years know just how fine it is.



We never have enough of it, so order early. We ask more for it because it is worth more. Our other Murdock is good stuff, is all Wisconsin grown and most of it from Brueckner seed, but if you want something fancy and that you know has the breeding in it order the Brueckner stock. The price is a small matter anyway, when it comes to corn.

We recommend Murdock Yellow Dent not only for Wisconsin, but for Southern Minnesota, Northern Iowa, Northern and Central Illinois, Indiana, Ohio and Southern Michigan. It will prove a splendid early variety for the drouth stricken sections of the corn belt.

PRICES OF MURDOCK YELLOW DENT.

Brueckner stock (grown and put up by Mr. Brueckner)—Ears (in bushel crates): Bu., \$4.00; 5 bus. at \$3.85; 10 bus. at \$3.75. Shelled (in grain bags): Bu., \$3.75; 5 bus. at \$3.60; 10 bus. at \$3.50.

Other Wisconsin stock—Ears: Bu., \$3.50; 5 bus. at \$3.35; 10 bus. at \$3.25.

Shelled: Bu., \$3.25; 5 bus. at \$3.10; 10 bus. at \$3.00.

Nebraska Grown, Shelled, from Wisconsin seed of last spring: Bu., \$2.25; 5 bus. at \$2.10; 10 bus. at \$2.00.

OLDS' IMPROVED TWELVE-ROWED FLINT.

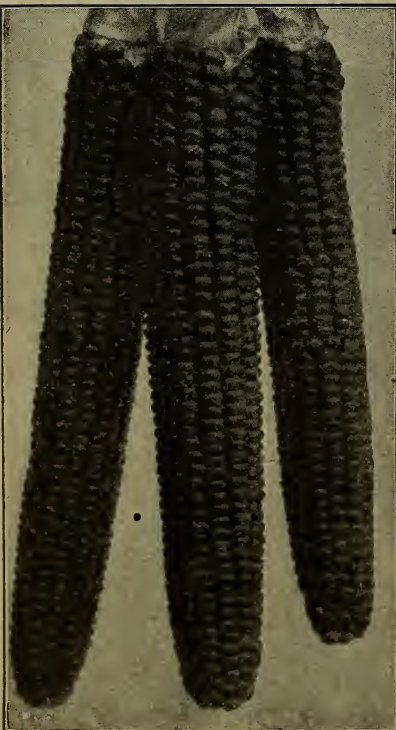
A Fancy Strain of Wisconsin Flint.



Twelve-rowed corn yields more per acre than 8-rowed. The ears are larger in circumference and have more corn on them. For this reason, leading dairymen are planting it for the silo and for early feed. Twelve-Rowed Flint is a selection from the well known Longfellow Flint or Yankee Corn. It is just as early as Longfellow and has the same beautiful, clear yellow color. The one objection to Twelve-Rowed in the past has been that the ears were too short. By careful selection, we have materially lengthened the ears, so that now we have it nearly as long as the original Longfellow. Our stock is all fancy Wisconsin grown.

Prices—Ears: Bu., \$3.50; 5 bus. at \$3.35; 10 bus. at \$3.25.

Shelled: Bu., \$3.25; 5 bus. at \$3.10; 10 bus. at \$3.00.



Improved Twelve-Rowed Flint.



SILVER KING (Wisconsin No. 7).

The Corn That Made Wisconsin Famous.



Silver King stands at the head of the list today of all-around good varieties of corn adapted to latitude of Southern Wisconsin. It has become immensely popular and has really revolutionized corn growing in Wisconsin putting us as a state ahead of Illinois, Iowa, Missouri, Nebraska and Kansas in yield per acre. This is a great triumph for Silver King.

History:—This corn originated in northern Iowa. Prof. Moore brought it to Wisconsin a few years ago and has developed and improved it and sent it out over the state through the members of the Wisconsin Experiment Association. Ours was the first seed house to offer it, cataloging it for the first time in 1907. It has yielded at the Wis. Ex. Station 98 bushels per acre and the average yield for the whole state for 3 years was 57 bushels as compared with 33 bushels, the average of all other varieties. One Dane County farmer reports a yield of 115 bushels per acre.

Description:—In appearance the corn is a beauty. Ears just the right length, averaging 8 to 9 inches, always filled out clear to the tips, and very uniform in size and type. The corn is pure snow-white in color with good length kernels set compactly in straight rows. The corn is a strong grower, early enough to mature as far north as Oshkosh, Wisconsin, and is especially adapted to resist cold weather. It has a decided double-ear characteristic, one reason for its fine yield records.

Value:—We feel that we can hardly rate the value of this corn too high. It gets ripe and it produces the yield. Prof. Moore says, "Push it hard. It will stand it." Hundreds of young men, the leading farmers of Wisconsin, are ready to swear by Silver King. These progressive young farmers, members of the Wisconsin Experiment Association, have grown most of our stock for us.

The front cover of our catalog shows a basket of corn from Mr. M. M. J. Vea of Dane County who has grown for us the past season 1500 bushels of beautiful fancy Silver King, all dried in his new large model corn house. In addition to the Vea stock we have Silver King from Rock, Sauk and La Crosse Counties, all very fine stock. We are headquarters for this famous variety of corn. We recommend it for Illinois and the corn belt as well as for northern latitudes.

PRICES FOR SILVER KING FOR 1914.

Ears: Bu., \$3.50; 5 bus. at \$3.35; 10 bus. at \$3.25. (For smaller quantities see page 7.)

Shelled: $\frac{1}{2}$ pk., 50c; pk., 90c; bu., \$3.25; 5 bus. at \$3.10; 10 bus. at \$3.00.

Nebraska Grown, Shelled, from Wisconsin seed of last spring: Bu., \$2.25; 5 bus. at \$2.10; 10 bus. at \$2.00.

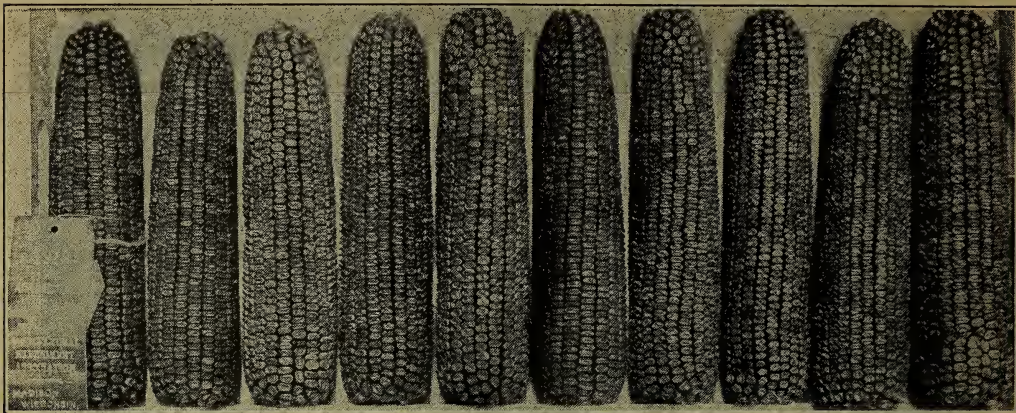
TOOLE'S NORTH STAR.

An early yellow dent originated by Mr. Wm. Toole of Sauk County, south central Wisconsin, where it is very popular. The Wis. Agri. College have thought enough of it to give it a place on their list of pure-bred varieties. They describe it as earlier than Clark's Yellow Dent and just as large. Our stock is all Sauk County grown.

Prices—Ears: Bu., \$3.25; 5 bus. at \$3.10; 10 bus. at \$3.00.

Shelled: Bu., \$3.00; 5 bus. at \$2.85; 10 bus. at \$2.75.

Mr. Jno. Clark, Anderson, Ind., writes Sept. 20, 1913: "I am extra well pleased with your seeds that I got the last two years, especially with the corn that I raised this year from that peck of Murdock Yellow Dent that you sent me. I showed the ears of corn that you sent me to my neighbors and they all made fun of them but I planted them just the same and now I have the earliest piece of corn in our neighborhood, 3 weeks earlier than any corn around. I am sending you one ear of corn and an empty cob that I took the seed from by parcel post. Please note the improvement in the size of ears of corn raised out here."



First Prize Corn at 1913 Meeting of Wisconsin Experiment Association. Ten Ears Reid's Yellow Dent Grown by Noyes Raessler, Secretary Rock County Order.

REID'S YELLOW DENT.

Reid's Yellow Dent is doubtless more largely grown throughout the corn belt than all other varieties of yellow corn combined. It can also be grown in southern Wisconsin and will mature all right if conditions are at all favorable. It is of a light golden color; ears shelling 88 per cent grain, and often better. The ears of this variety are remarkably uniform, no space between rows.

Our main stock of Reid's Yellow Dent was grown in Woodford county, Illinois, just at the northern edge of the corn belt. This stock is from Mr. J. N. Valentine, a prominent breeder of Improved Reid's Yellow Dent seed corn who has furnished us our Reid's for several years.

Then we have a limited stock of fancy Wisconsin Reid's grown by Raessler of Rock County.

PRICES OF REID'S YELLOW DENT.

Wisconsin Grown—Ears: Bu., \$3.75; 5 bus. at \$3.60; 10 bus. at \$3.50. Shelled: Bu., \$3.50; 5 bus. at \$3.35; 10 bus. at \$3.25.

Illinois Grown—Ears: Bu., \$3.25; 5 bus. at \$3.10; 10 bus. at \$3.00.

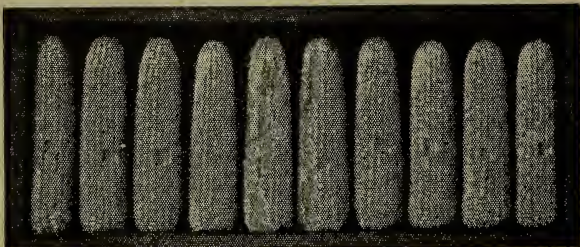
Nebraska Grown—Shelled: Bu., \$1.75; 5 bus. at \$1.60; 10 bus. at \$1.50.

JOHNSON COUNTY WHITE DENT.

Ever since the National Corn Exposition at Chicago, fall of 1907, the agricultural papers have had a great deal to say about the wonderful corn from Indiana that netted its owner, Mr. L. B. Clore, a total of \$7,536.50 in cash and special prizes. In 1907, 1908, 1909 and Feb. 1911, this corn was awarded "Grand Sweepstakes" for the best 10 ears of corn of any color in the world.

Johnson County White Dent is a very highly bred pure white corn adapted to all of the corn belt, but not of course to the northern states. The shape of ears is cylindrical, with tips well filled out; white kernel and cob; ears averaging 10 inches in length.

Our illustration shows the prize winners at the National Corn Show of 1911 at Columbus, Ohio. All the Johnson County we offer was grown from these 10 ears by an expert corn grower in Central Ohio. Our grower paid \$350.00 for these original 10 ears. The stock he has sent us is very fine indeed, the most beautiful corn in fact, we ever handled.



Prices—Ears: Bu., \$3.25; 5 bus. at \$3.10; 10 bus. at \$3.00.

Shelled: Pk., 75c; bu., \$2.75; 5 bus. at \$2.60; 10 bus. at \$2.50.

OLDS' IMPROVED LEAMING.



The Leaming is the oldest distinct variety of corn, having been originated in 1826. It is a standard yellow corn, well adapted to northern and central Illinois and the most of Iowa, and similar latitudes. In fact, it is grown with success in southern Wisconsin.

We have a fancy lot of an improved strain of Leaming to offer, grown in DeKalb County, Illinois, only 40 miles from the Wisconsin state line. It is therefore almost equal to Wisconsin grown. Our grower says it is earlier than Reid's Yellow Dent with him and he considers it a more desirable corn for northern Illinois.

Prices—Ears only: Bu., \$3.25; 5 bus. at \$3.10; 10 bus. at \$3.00.

IOWA SILVER MINE.

A very famous white dent throughout the corn belt. Ears are large, 10 or 11 inches long with kernels of unusual length. Our stock is Ohio grown from the same man who grew our Johnson County. It is very fine.

Prices—Ears: Bu., \$3.00; 5 bus. at \$2.85; 10 bus. at \$2.75.

Shelled: Bu., \$2.50; 5 bus. at \$2.35; 10 at \$2.25.



Olds' Improved Leaming.

WESTERN GROWN CORN.

The corn offered on this page is all Nebraska grown. It is from reliable growers, is thoroughly cleaned and graded by the latest improved machinery, shows good germination tests and is fully equal to the corn offered by most seedsmen who do not tell where their corn is grown.

PRIDE OF THE NORTH.

The old, well-known standard extra early Yellow Dent. A strictly 90-day corn. Ears not large, but kernels very deep with very small cob. Probably no variety furnishes as large a percentage of shelled corn. Ears about 7 to 8 inches long, often two on a stalk.

Prices—Shelled only: $\frac{1}{2}$ pk., 40c; pk., 65c; bu., \$2.00; 5 bus. at \$1.85; 10 bus. at \$1.75.

KING OF THE EARLIES.

Another extra early described by a well-known Wisconsin seed firm as "the Earliest Dent Corn in Cultivation." Ears are rather short, cob small, kernels a little shorter than for Pride of the North. Color, deep golden yellow. Stalks 6 to 8 feet high, very leafy.

Prices, same as for Pride of the North.

WHITE CAP YELLOW DENT.

Nearly as early as Pride of the North, and considerably larger. It grows 6 to 7 feet high; abundant foliage; large, fine ears, 8 to 10 inches long, well filled to the tip, 16 to 18 rowed; outer end of kernel white, balance amber yellow.

Prices, shelled only: Pk., 65c; bu., \$2.00; 5 bus. at \$1.85; 10 bus. at \$1.75.

WISCONSIN WHITE DENT.

A well known and popular early variety quite largely grown in Wisconsin and Minnesota. Not pure white, but creamy white in color.

Prices, same as for White Cap Yellow Dent.

GIANT RED-COB ENSILAGE.

A pure white corn with red cob, which grows very large. No dairy farmer should be without it. It can be fed green, made into silage, or cut up.

Prices: $\frac{1}{2}$ pk., 30c; pk., 50c; bu., \$1.50; $2\frac{1}{2}$ bus. at \$1.35; 10 bus. at \$1.25.

EVERGREEN SWEET FODDER CORN.

A fodder grade of Evergreen Sweet Corn. Stalks are very sweet, rich and tender.

Prices: $\frac{1}{2}$ pk., 40c; pk., 65c; bu., (measured), \$2.25; 5 bus. at \$2.10; 10 bus. at \$2.00. (For other Sweet Corn, see Garden Seed pages.)

EARLY CANADA FLINT.

Long 8-rowed ears of bright golden yellow corn. Best for northern Minnesota and North Dakota. Our stock is extra nice.

Prices: $\frac{1}{2}$ pk., 45c; pk., 75c; bu., \$2.50; 5 bus. at \$2.35; 10 bus. at \$2.25.



EARLY LONGFELLOW FLINT.

The most popular of all flint varieties. It is a beautiful 8-rowed yellow flint, with slender, straight ears, 10 to 15 inches long. Kernels are large and wide, and cob very small. Ripens in 75 to 85 days, and very prolific. Well adapted to the northern states and largely grown.

Prices: $\frac{1}{2}$ pk., 45c; pk., 75c; bu., \$2.50; 5 bus. at \$2.35; 10 bus. at \$2.25.

SANFORD'S WHITE FLINT.

The ears are of unusual length, 12 to 15 inches, smooth and symmetrical in shape, of a flinty white color. Stalks usually have 2 or 3 ears.

Prices, same as for Longfellow Flint.

KING PHILIP FLINT.

A very early 8-rowed red flint. Ripens in 80 days. Stalks are very leafy, splendid for feed.

Prices, same as for Longfellow Flint.

CANADA SMUT NOSE FLINT.

A very popular extra early eight-rowed flint, specially valuable for northern planting. Ears are very long and bright golden yellow except near the tips where the color is clouded.

Prices: Same as for Longfellow.

COMPLETE PRICE LIST.

	Ears (Crates Free)					Shelled (Bags Free)				
	$\frac{1}{2}$ peck	Peck	Bu.	5 bus.	10 bus.	$\frac{1}{2}$ peck	Peck	Bu.	5 bus.	10 bus.
Golden Glow, Wisconsin Grown	\$0.60	\$1.00	\$3.50	\$3.35	\$3.25	\$0.50	\$.90	\$3.25	\$3.10	\$3.00
Golden Glow, Nebraska Grown .....						.40	.70	2.25	2.10	2.00
Murdock Yellow Dent, Brueckner Stock ..	.70	1.15	4.00	3.85	3.75	.60	1.00	3.75	3.60	3.50
Murdock Yellow Dent, Other Wisconsin ..	.69	1.00	3.50	3.35	3.25	.50	.90	3.25	3.10	3.00
Murdock Yellow Dent, Nebraska Grown ..						.40	.70	2.25	2.10	2.00
Improved 12 Rowed Flint, Wis. Grown ..	.60	1.00	3.50	3.35	3.25	.50	.90	3.25	3.10	3.00
Silver King, Wisconsin Grown .....	.60	1.00	3.50	3.35	3.25	.50	.90	3.25	3.10	3.00
Silver King, Nebraska Grown .....						.40	.70	2.25	2.10	2.00
Toole's North Star, Wisconsin Grown ..	.50	1.00	3.50	3.35	3.25	.50	.90	3.25	3.10	3.00
Reid's Yellow Dent, Wisconsin Grown ..	.65	1.10	3.75	3.60	3.50	.60	1.00	3.50	3.35	3.25
Reid's Yellow Dent, Illinois Grown .....	.50	.85	3.25	3.10	3.00	.45	.75	2.75	2.60	2.50
Reid's Yellow Dent, Nebraska Grown .....						.35	.60	1.75	1.60	1.50
Johnson Co. White Dent, Ohio Grown ..	.50	.85	3.25	3.10	3.00	.45	.75	2.75	2.60	2.50
Improved Leaming, Illinois Grown .....	.50	.85	3.25	3.10	3.00					
Improved Leaming, Nebraska Grown .....						.35	.60	1.75	1.60	1.50
Iowa Silver Mine, Ohio Grown .....	.50	.85	3.00	2.85	2.75	.45	.75	2.50	2.35	2.25
Pride of the North, Nebraska Grown .....						.40	.65	2.00	1.85	1.75
King of the Earlies, Nebraska Grown .....						.40	.65	2.00	1.85	1.75
White Cap Yellow Dent, Neb. Grown .....						.40	.65	2.00	1.85	1.75
Wisconsin White Dent, Nebraska Grown ..						.40	.65	2.00	1.85	1.75
Giant Red Cob Ensilage .....						.30	.50	1.50	1.35	1.25
Evergreen Sweet Fodder, Neb. Grown .....						.40	.65	2.25	2.10	2.00
Early Canada Flint, Nebraska Grown .....						.45	.75	2.50	2.35	2.25
Early Longfellow Flint, Nebraska Grown ..						.45	.75	2.50	2.35	2.25
Sanford's White Flint, Nebraska Grown .....						.45	.75	2.50	2.35	2.25
King Philip Flint, Nebraska Grown .....						.45	.75	2.50	2.35	2.25
Canada Smut Nose Flint, Neb. Grown .....						.45	.75	2.50	2.35	2.25

Half bushels at bushel rates. We sell by weight, except Sweet Corn. A bushel of shelled corn is 56 pounds net, a bushel of ears 70 pounds net. Less than one bushel ears shipped in sacks.

Sample ear, any variety offered on the ear, 25c by mail, 15c by freight. This may be deducted from first order for one bushel or over. Qt., by mail, 30c; by freight, 15c. Sample packets free.



Harvesting Wisconsin Pedigree No. 1 Oats on Wisconsin University Farm. This Plat Yielded 110.6 Bushels per Acre, the Highest Yield of All Oats Tested and 33 Per Cent Higher than the Average of 42 Other Varieties.

WISCONSIN PEDIGREE No. 1 OATS.

"BEST OAT FOR RICH SOILS EVER BRED."



Last year we had the honor of introducing this new oat of Prof. Moore's, that bids fair to prove a more valuable variety and become even more popular than the celebrated Swedish Select. It has outyielded everything thus far and it does not lodge even on rich soils. Out on the University Farm they call it the "best oat in the world."

History. Wisconsin Pedigree No. 1 originated at the Wisconsin Experiment Station from a variety called Wisconsin Wonder or Improved Bonanza. About 100 other new varieties of oats were started at the same time. After 14 years of careful breeding work, five pedigree varieties, which went by numbers, were given members of the Wisconsin Ex. Assoc. in 1912 for trial. Pedigree No. 1 proved the best of all the pedigree varieties and gave splendid results in every section.

Description. Wisconsin Pedigree No. 1 is a pure white oat, good sized, a little longer in grain than Swedish Select, with a somewhat shorter and stiffer straw and a little earlier in ripening. Prof. Moore makes quite a point of the stiffness of the straw. He says: "It is the best oat for medium rich soils thus far bred at the station farm. It will stand up on rich river bottom land and similar locations where Swedish Select usually lodge."

Value. We consider this the most valuable thing in the oat line ever introduced. The oats are heavy, good sized, with thin hull, outyield everything else, will grow on rich soils and stand up where other varieties go down.

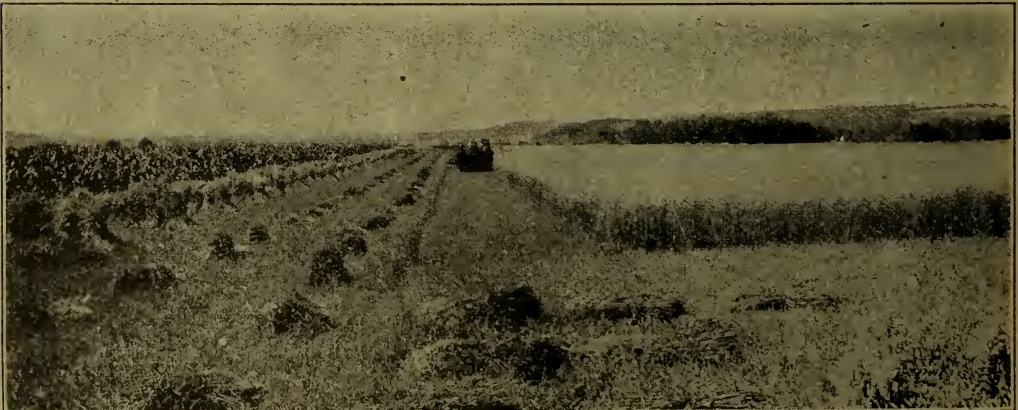
As we write this page (Dec. 17, 1913), Prof. Moore has just returned from a trip over the state and he reports farmers all over Wisconsin who have tried these oats full of enthusiasm regarding them. He tells of one farmer up in Eau Claire County who grew 487 bushels from 5 acres on land that had never given him over 50 bushels per acre before. Another young farmer grew 90 bushels from one bushel of seed. F. Earl Palmer of Walworth County secured 58 bushels from one bushel sown. He says: "They yielded twice as much as our other oats."

Assemblyman Krueger, the famous prize grain grower, says: "Best Oats for yield we have ever grown."

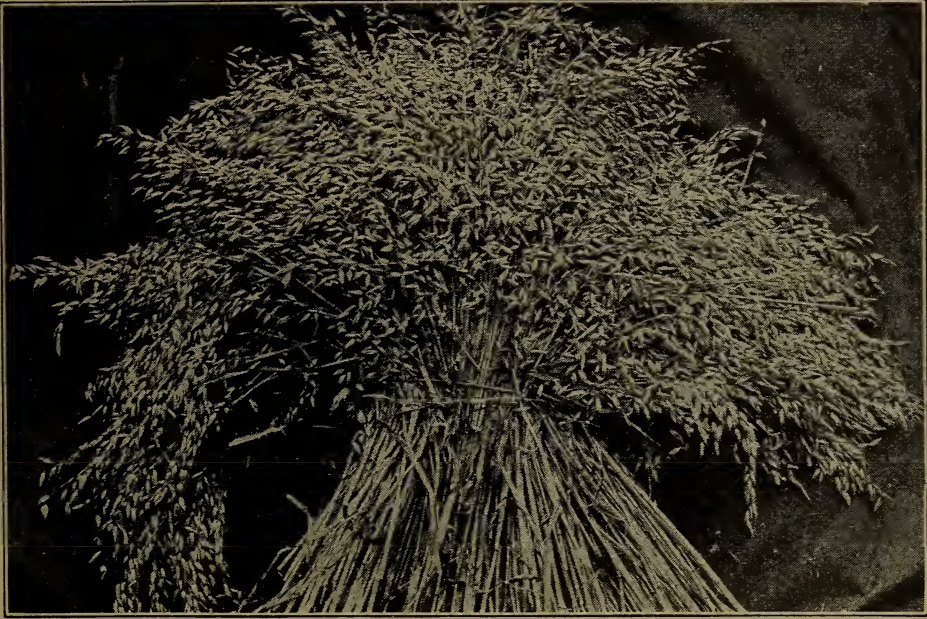
We hope every one of our customers who grows oats will sow at least part of his farm this year to Wis. Pedigree No. 1. Every farmer can afford them as the price is certainly very reasonable for such a valuable thing the second year of its introduction.

PRICES OF WISCONSIN PEDIGREE NO. 1 OATS FOR 1914.

By mail: Lb., 25c. By freight or express: Lb., 15c; ½ pk., 30c; pk., 50c; bu. (32 lbs.), \$1.50; 2½ bus. at \$1.35; 10 bus. at \$1.25; 25 bus. or over at \$1.15. (Sacks included.)



Field of Wisconsin Pedigree No. 1 on Farm of P. J. Schneider near Madison.



Sheaf of Wisconsin Pedigree No. 5.

WISCONSIN PEDIGREE No. 5.



A new Pedigree Oat originated at the same time as Wisconsin Pedigree No. 1 at the Wisconsin Experiment Station, which we now offer for the first time. It is very different in type from the No. 1 and has an entirely different origin, having been developed from Swedish Select. It is therefore in reality an improved Swedish Select.

Wisconsin Pedigree No. 5 is a very thick white oat, kernels rather short, heavy and attractive looking and it is a great show oat. This oat makes a much better appearance in the bag than the No. 1 and because so fine looking will always bring the highest market price. It has made some splendid yield records with members of the Experiment Association and many of them prefer it to Pedigree No. 1.

We have a fine stock, all Wisconsin grown, most of it from Noyes Raessler, the famous Rock County member of the Experiment Association. We are glad to be able to offer this very valuable and handsome Pedigree variety. We recommend it as the best for all clay soils and all land that is considered good oat land but not for heavy rich soils.

Prices, same as for Wisconsin Pedigree No. 1.



Grains of Olds' Montana Scottish Chief. Note the Uniform Size and Evident Heavy Weight and Bright Appearance.

OLDS' MONTANA SCOTTISH CHIEF.



A new variety that we offer this year for the first time. A thoroughbred, imported from Scotland eight years ago. It is a tremendously vigorous grower, with strong stiff straw and large bushy heads filled with the largest, pure white, plump heavy oats. It is emphatically "a show oat" and on account of its fine appearance will always command the very best price on the market.

The stock that we offer was all grown on the fine oat lands of Montana, where grain grows to perfection. They are about the brightest, prettiest oats we ever saw, weigh 48 pounds per measured bushel and we know will please all our customers who order them. This is the year to change your oats when prices are reasonable and if you decide to put in a good liberal acreage of this splendid new variety it will be the best thing you can do. The price is very low for such a valuable oat.

Prices, same as for Wisconsin Pedigree No. 1.



Regenerated Swedish Select in Saskatchewan. A Yield of 110 Bushels Per Acre is Common.

REGENERATED SWEDISH SELECT OATS.

THE GARTON SEED COMPANY
 To 'regenerate' is to make new, to re-create, and that is just what has been done by the Garton people. They chose Swedish as the 'Best American Oat,' and went to work to restore it to its original purity and vitality. They have done more than that. They have given us something ahead of the original Swedish Select. They have produced the finest oats ever seen in this country, heavy and plump, weighing over 50 pounds per bushel, perfectly pure.

Now we have a stock of Regenerated Swedish Select to offer our customers that we believe is ahead of the English grown stock, because better adapted to American conditions.

This stock was grown in Saskatchewan, Canada, by expert seed growers on new land from Garton seed imported from England.

This stock, grown away in the northwest is full of life and vigor and very fine. The oats are heavy, plump and bright, almost as fine looking as the original English stock. While many oats grown in this country last season were more or less colored by rains these oats are as bright as any we ever handled. They are much more reasonable in price than the English oats as well as being better adapted to sowing in the states. Canadian seed yields much better here even the first year than home grown seed. This is not true of English seed as that usually has to be acclimated.

The stock we offer is bright and heavy, weighing 45 pounds per bushel. They are beautiful oats and we have a fine large lot of them. You can just as well increase your oat yield 25 to 100 per cent by using this seed. The three-kernel feature, a very common thing with Regenerated Swedish, is one reason for the yields.

We hope our customers will order liberally of these fine oats. If Swedish Select do well on your land then here is the seed for you. If your land is too rich for Swedish Select order Wisconsin Pedigree No. 1. This is the year to buy new oats when the price is low.

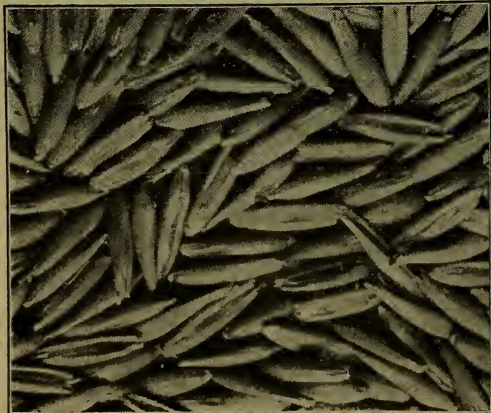
In addition to our Canadian stock we have also some very nice Wisconsin grown Regenerated Swedish Select.

PRICES REGENERATED SWEDISH SELECT.

Canadian Grown: $\frac{1}{2}$ pk., 25c; pk., 40c; bu., \$1.40; 2 $\frac{1}{2}$ to 10 bus. at \$1.25; 10 bus. at \$1.15.
 Wisconsin Grown: $\frac{1}{2}$ pk., 25c; pk., 35c; bu., \$1.15; 2 $\frac{1}{2}$ to 10 bus. at \$1.00; 10 bus. at 90c.



Canadian Regenerated Swedish Kernels.



Regenerated Banner Kernels.

REGENERATED BANNER.

THE GARTON SEED COMPANY
 The Garton people have applied their special regenerating process to the American Banner Oat as well as to the Swedish Select, and we have Canadian grown seed of this famous variety to offer, grown by the same men who furnish us the Regenerated Swedish Select. Up in Canada the two varieties are close rivals and on the Government trial farms Regenerated Banner usually heads the list.

This variety is a little later than Regenerated Swedish Select and not quite so coarse in straw. Kernels are a very little longer as our illustration shows. It is a remarkable yielder of good, big, plump, thin hulled grain and our stock is just as fine as the Regenerated Swedish stock.

Prices: $\frac{1}{2}$ pk., 25c; pk., 40c; bu., \$1.40; 2 $\frac{1}{2}$ to 10 bus. at \$1.25; 10 bus. at \$1.15.



55 Acre Field of White Plume Oats on Farm of Willard Swain.

WHITE PLUME OATS.

A new variety that we offered for the first time three years ago. They are a pure white, thick, plump oat, clean, bright and heavy, with thin hull and thick meat. They grow a coarse, stiff straw that stands up well on rich prairie soil bearing a large, bushy head. On Mr. Swain's farm they grew taller than the Swedish Select, yielded more and weighed more to the bushel.

Mr. G. A. Batz of Dane County grew 800 bushels machine measure from 8 acres, nearly 900 bushels by weight. Mr. E. C. Drunasky, another of our growers, threshed 1,000 bushels White Plume from 14 acres.

Prices: $\frac{1}{2}$ pk., 25c; pk., 35c; bu., \$1.15; $2\frac{1}{2}$ to 10 bus. at \$1.00; 10 bus. or over at 90c.

GOLD MINE OATS.

Here is a variety of oats that after another year's trial we feel like pushing hard and recommending very highly. Our attention was first called to it three years ago by one of our growers near Madison who said it outyielded Big Four, Silver Mine, Swedish Select and every other variety.

We regard Gold Mine as a sort of an ironclad. It makes a big strong growth, 4 feet high or more, with splendid stiff straw and large bushy heads. The grain is heavy, plump and of large size. The hull is very thin and oats very attractive, of a shiny golden yellow color. The color may be objectionable in some sections but where yellow oats can be used these will be found wonderfully satisfactory. They always yield well and for feeding they are of course just as good as white oats.

Prices: Pk., 35c; bu., \$1.10; $2\frac{1}{2}$ to 10 bus. at 95c; 10 bus. or over at 85c.

BLACK ANTHONY OATS.

Black Anthony is a tall, strong-growing variety with stiff straw and heavy branching head. The grain is of large size, handsome in appearance and heavy in weight.

One of our growers, Mr. Geo. Chamberlain of Dane County, grew 105 bushels of Black Anthony on one acre from two bushels of seed. They went far ahead of everything else in the neighborhood.

The Black Anthony that we have to offer this year are the brightest, shiniest, finest looking black oats we ever saw grown in Wisconsin. They are beauties. Get some of them if you want black oats.

Prices: $\frac{1}{2}$ pk., 25c; pk., 35c; bu., \$1.10; $2\frac{1}{2}$ to 10 bus. at 95c; 10 bus. or over at 85c.

SWEDISH SELECT OATS (WIS. NO. 4.)

"Best American Oat."—U. S. Dept. of Agriculture.

This is the eleventh year we have offered Swedish Select Oats, and in the ten years we have handled them we have sold over 100,000 bushels. We were the first seedsmen to catalogue them. They seem to be just what is wanted in a first class oat—pure white in color, very plump, short and thick, with thin hull, medium early in season, very strong and vigorous in growth, unusually heavy in weight and the best of yielders.

Prices: Pk., 35c; bu., \$1.10; $2\frac{1}{2}$ bus. at 95c; 10 bus. or over at 85c.

SILVER MINE OATS.

A well-known and very popular variety, first introduced in 1895. A plump, white oat, quite an early variety with smooth, shiny kernels. Always free from awns.

Prices, same as for Swedish Select.

REJUVENATED WHITE BONANZA OATS.

Another splendid new oat that we offer this year for the first time. Twenty years ago White Bonanza was one of the best if not the best variety of oats grown. It had wonderful vigor and yielding qualities and it is still doing well in some sections. It is the parent of our famous Wisconsin Pedigree No. 1.

Now we have Rejuvenated Bonanza which is just as its name states a Youth-Renewed White Bonanza. The oat is pure white, grows strong and stocky with very large bushy heads and the grain is very heavy. For yield it has made some splendid records. Bruce T. Fleming of Jefferson County, Wisconsin, reports 103 bushels per acre while one Washington farmer secured the enormous yield of 259 bushels per acre. Our stock is very fine and will please every one who gets it.

Prices: $\frac{1}{2}$ pk., 30c; pk., 50c; bu., \$1.35; $2\frac{1}{2}$ to 10 bus. at \$1.20; 10 bus. or over at \$1.10.



Silver Mine.



Wisconsin Pedigree No. 5 Grown Near Madison. This Field Averaged 50 Bushels Per Acre Right Through, Three Acres of it Going 65 Bushels Per Acre.

WISCONSIN PEDIGREE BARLEY.

THE WORLD'S CHAMPION BARLEY FIVE YEARS IN SUCCESSION.

Wisconsin is a great barley state, and Wisconsin barley leads the world. Nineteen years ago, in 1895, Manshury barley was first sent out by the Wisconsin Ex. Station. This variety nearly doubled the yield of common barley and was worth millions of dollars to the farmers of Wisconsin alone. Later came Mandschueri, an improved Manshury, and then in 1907, Oderbrucker was first offered, and this was ahead of anything else up to that time. Now we have Wisconsin Pedigree, the greatest of all six-rowed barley, which we had the honor of introducing so far as the seed trade is concerned, offering it for the first time two years ago. To Prof. R. A. Moore, Agronomist at the Wis. College of Agriculture, belongs pretty nearly all the credit for giving this barley to the world, for it was through 12 years of painstaking breeding work that he was able to produce this wonderful barley.

Frank Parker Stockbridge, in an article in *World's Work*, Dec., 1912, entitled "The Barley that Encompassed the Earth," tells the story of Prof. Moore and how he bred and developed this almost perfect barley. He says: "It was the first barley that the malsters had ever been able to depend upon to germinate uniformly without loss. It was the first barley that farmers had been able to plant with the certainty of a full crop running upwards of 36 bushels to the acre and all ripening at the same time so that there was no loss in harvesting. And, incidentally, it was the first barley that the millers could use for 'pearling' without any of the grains turning blue."

The following are reasons why "Wisconsin Pedigree Barley" is of such great value:

- First:—It outyields all others. The average yield in Wisconsin for 5 years has been 36½ bushels per acre, an increase of 22 per cent over the yield of all other barley.
- Second:—Plumpness of grain. All who have grown it notice the unusually plump kernels.
- Third:—Stiffness of Straw. Stands up better than Oderbrucker or Mandschueri.
- Fourth:—Vigor of Growth. Taller than any other barley. We measured stalks five feet high.
- Fifth:—Uniformity. All the kernels are alike, an important matter with barley.
- Sixth:—Perfect Development. Heads are more completely filled out than with any other variety.
- Seventh:—Light Color. It is brighter and whiter than other barley making it more attractive.
- Eighth:—Large Heads. Many speak of the unusually long, large heads.
- Ninth:—All-Around Excellence. As near perfection as perhaps it is possible to get barley.

Pedigree No. 5. Most of the stock that we offer is Pedigree No. 5 of Oderbrucker origin. We bought our original seed stock of Mr. H. E. Krueger who had this barley from Prof. Moore two years ahead of other members of the Association. Mr. Krueger says of it:

"I have grown the Wisconsin Pedigreed Barley No. 5 the past six years. It is the best barley I have ever grown, all points considered. It has yielded 65 bushels per acre on our farm. It has the stiffest straw, plumpest berry, stands up best and yields the most per acre of any barley I have ever seen." Mr. Krueger has made himself as well as the state of Wisconsin famous through the prizes he has won.

The complete list of prizes won by Mr. Krueger on Wisconsin Pedigree No. 5 is as follows:


- Sweepstakes, Open to the World, 1908 International Corn Exposition.
- Sweepstakes, Open to the World, 1909 International Corn Exposition.
- Sweepstakes, Open to the World, 1911 International Corn Exposition.
- Sweepstakes, Open to the World, 1912 International Corn Exposition.
- Sweepstakes, Open to the World, 1913 International Corn Exposition.
- Sweepstakes, Northern Zone, 1911 International Corn Exposition.
- First, Wisconsin Malting Barley, 1911 International Barley Exposition.
- First for Best Barley Grown in Wisconsin, 1911 International Barley Exposition.
- First, Six-Rowed Barley Grown in the West, 1911 International Barley Exposition.
- First American Prize, Six-Rowed Barley, 1911 International Barley Exposition.
- First, Wisconsin State Fair, 1908, 1909, 1910 and 1911.

PRICES OF WISCONSIN PEDIGREE BARLEY FOR 1914,

By mail: Lb., 25c. By freight or express: Lb., 15c; ½ pk., 30c; pk., 50c; bu. (48 lbs.), \$1.45; 2 to 10 bus. at \$1.30; 10 bus. or over at \$1.20. Prices include sacks.

OLDS' MONTANA WHITE HULLESS BARLEY.

No Beards or Hulls. Great for Feed. Yields 60 Bushels Per Acre.

 White Hulless is different from any other barley. The grain looks like wheat. It is almost as heavy as wheat, equal to wheat in feeding value, and will yield nearly twice as much. It succeeds in all barley-growing regions, and also in sections where common barley is not grown at all. It is very early, thus making a splendid nurse crop for seeding with clover; is entirely beardless, with soft straw, splendid for feed. Many farmers cut it for a hay crop. It yields as high as 60 bushels per acre, and for feeding value is not surpassed by any other grain. Sow in spring, $1\frac{1}{2}$ bushels per acre, and treat just as you would any other barley. Specially fine for poultry and for grinding for hogs.

For several years we have been having White Hulless Barley grown in Montana. Our customers who have had this seed know how fine it is. Plump, fat kernels of a beautiful bright color, it looks like the finest grade of wheat, only the kernels are larger.

This year our stock is better than ever, in fact the purest and nicest looking Hulless we have ever had. Ask for a sample of it.

Prices (Genuine Montana Grown): $\frac{1}{2}$ pk., 25c; pk., 45c; bu. (48 lbs.), \$1.65; 2 to 10 bus. at \$1.50; 10 bus. or over at \$1.40.

(Prices include seamless cotton grain bags.)

TWO ROWED BARLEY.


We have a limited stock of very fine Two-Rowed Barley to offer this year. This barley was grown in Montana and is beautiful grain—plump, heavy, very large, thick kernels.

In many sections two-rowed barley does better than six-rowed. It is the favorite barley with German and Austrian farmers and it has also been highly recommended for this country by the U. S. Dept. of Agriculture. It is noted for its earliness and mealiness of grain, as well as its plumpness of kernel and heavy yielding capacity. Great for exhibition purposes.

Prices: $\frac{1}{2}$ pk., 25c; pk., 45c; bu., \$1.65; 2 to 10 bus. at \$1.50; 10 bus. or over at \$1.40.

ODERBRUCKER BARLEY

(WIS. NO. 55.)

 Oderbrucker Barley was first offered to the public seven years ago. It is the best six-rowed barley in cultivation with the exception of Wisconsin Pedigree. To Prof. R. A. Moore belongs the credit of having developed it and brought it to the attention of leading agriculturists.

Prices: $\frac{1}{2}$ pk., 25c; pk., 40c; bu., \$1.35; 2 to 10 bus. at \$1.20; 10 bus. or over at \$1.10.

**SPELTZ OR EMMER.****THE GREAT RUSSIAN GRAIN.**

Every farmer ought to sow some speltz. It makes a splendid feed and lots of it. With our growers it averages over one-third more bushels per acre than barley. Note the following points:

First. It is perfectly hardy and can be grown successfully anywhere.

Second. It yields more bushels per acre than either oats or barley.

Third. It is specially adapted to dry regions and to localities that are subject to hot, dry summers, as it withstands drouth where barley fails entirely.

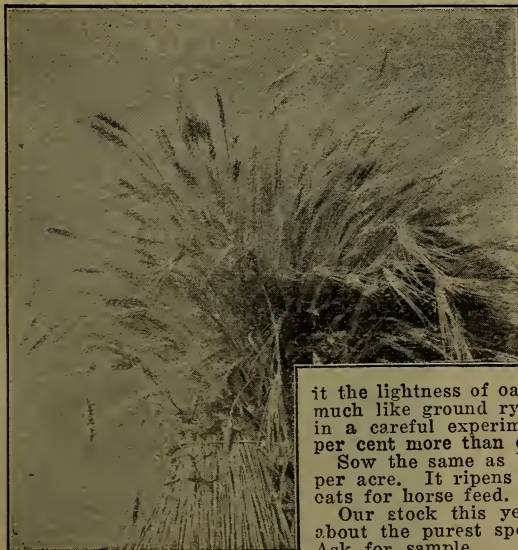
Fourth. It has such a very stiff straw that it stands up when oats and barley lodge. The straw is about as stiff as rye straw.

Fifth. It makes a well-balanced feed for horses, cattle or hogs, as the large hull gives it the lightness of oats, while the double kernel furnishes a rich meal much like ground rye feed. Prof. Wilson, of the S. D. Ex. Station, in a careful experiment with feeding calves, found speltz worth 40 per cent more than corn, pound for pound.

Sow the same as barley or oats about 100 pounds or $2\frac{1}{2}$ bushels per acre. It ripens about with oats and in fact is often sown with oats for horse feed.

Our stock this year is Dakota grown and unusually nice. It is about the purest speltz we ever handled and probably the heaviest. Ask for sample.

Prices: $\frac{1}{2}$ pk., 25c; pk., 40c; bu. (40 lbs.), \$1.15; 2 to 10 bus. at \$1.00; 10 bus. or over at 90c.



Sheaf of Speltz.

J. P. Kuster, Eagle, Idaho, writes Feb. 10, 1913: "From the one bushel of speltz bought from you last spring we threshed 50 bushels."



Field of Marquis Wheat in Saskatchewan, Canada.

MARQUIS SPRING WHEAT—Best of All.

This is the wheat that was awarded the World's Championship Prize of \$1,000 at the New York Land Show in 1912. Canadian farmers of the Northwest are all wild about it because of its earliness and big yields.

Marquis wheat was originated by Dr. Saunders of the Ottawa Ex. Farm by breeding together Red Fife and a very early Indian wheat, Red Calcutta. It is practically bald like the Fife and grows much the same. Grains are shorter and wider and of a deeper amber color.

Dr. Saunders says of this wheat:

"I introduced this wheat into Saskatchewan in 1907, and as a rule it has given a considerably higher yield than any other variety. The highest recorded yield on a one-fortieth acre plot was at the rate of 81½ bushels. Under field conditions our highest record is over 53 bushels per acre. Marquis is an excellent hard wheat with somewhat shorter and stronger straw than most varieties and ripening about a week earlier than Red Fife."

We are glad to be able to offer this wonderful new wheat to our customers and we hope a lot of them will try it. Our stock is Canadian grown from a reliable source and is very fine. Kernels are very large and plump and the stock perfectly clean. It is beautiful wheat.

Prices, by mail: Lb., 30c. By freight: Lb., 20c; ½ pk., 40c; pk., 65c; bu. (60 lbs.), \$2.25; 2 to 10 bus. at \$2.00; 10 bus. or over at \$1.90.

DURUM WHEAT (MACARONI).

It is only a few years since Durum Wheat was first introduced in this country, but it is now a leading variety. It is very productive, yielding as high as 50 bushels per acre; is very hardy, resisting extremes of weather which no other wheat will endure and is earlier than other wheat.

Our stock is Dakota grown and very fine. Pure Durum is scarce and hard to obtain this year.

Prices: ½ pk., 30c; pk., 50c; bu., \$1.75; 2 to 10 bus. at \$1.60; 10 bus. or over at \$1.50.

SCOTCH FIFE WHEAT.

This is the famous old reliable Red Fife so long raised in the Red River Valley and throughout the Northwest. Grades No. 1 hard.

Prices: ½ pk., 30c; pk., 50c; bu., \$1.70; 2 to 10 bus. at \$1.55; 10 bus. or over at \$1.45.

BLUE RIBBON SPRING WHEAT.

The Prize Milling Wheat of the World.

Krueger's Blue Ribbon is a new spring wheat that we introduced three years ago.

It originated with Assemblyman H. E. Krueger of Dodge County, Wisconsin, and as shown by him at the 1909 National Corn Exposition won first prize in the "Milling Contest, Open to the World." This was in competition with all the great spring wheat country of the Northwest.

Blue Ribbon is a bearded wheat with plump berry and a very short stiff straw. It is an early variety maturing about 10 days earlier than most wheat. It has never been affected with rust or blight and no smut has ever been seen in it. It is also a very great yielder. Mr. Krueger reports his average yield in 1910 as 38 bushels per acre.

Our stock is Wisconsin grown and very nice.

Prices—By mail: Lb., 30c. By freight: Lb., 20c; ½ pk., 40c; pk., 60c; bu., \$2.00; 2 to 10 bus. at \$1.85; 10 bus. or over at \$1.75.



Krueger's Blue Ribbon Wheat.



Field of Minn. No. 169 Wheat on the Minnesota Experiment Station Farm.

Minnesota No. 169 Spring Wheat.

Minnesota No. 169 Wheat was first sent out by the Minnesota Experiment Station in 1902, ten years after being started from a single seed of Blue Stem. It is therefore an Improved Blue Stem. For 8 years on the Minnesota Station Farm it averaged 18 per cent more than its parent.

Our stock is from the same 40,000 acre farm in North Dakota where we have secured our supply of this wheat for several years. Our growers say of it:

"We have taken great pains with this strain of wheat, having raised it ourselves for a number of years from seed obtained originally from the Minnesota Experiment Station direct. In cleaning it we have blown out the lighter kernels each year, sometimes rejecting as much as one-third the whole quantity and have thereby improved the strain. We have also taken the choicest wheat and planted it in small pieces, working up from that and getting our seed gradually on a better level, and I think we have the best strain of this variety of wheat in the market today, at least of any large quantity."

Prices: $\frac{1}{2}$ pk., 30c; pk., 50c; bu., \$1.75; 2 to 10 bus. at \$1.60; 10 bus. or over at \$1.50.

World's Champion Winter Wheat.

Highest Priced Wheat in the World. Original Stock Sold at \$832.00 per Bushel.

This is the wheat that won the "World's Championship" at the International Exposition at Omaha in 1909, in competition with the whole world including the famous northwest wheat country. Mr. H. E. Krueger of Wisconsin originated the wheat and after securing the highest award on his half-peck at the Omaha show bought it back at auction paying \$104.00 or at the rate of \$832.00 per bushel, the highest price ever paid for wheat.

Description.—Krueger's World's Champion is a red bearded wheat, a deeper red than Turkey Red and harder. In fact it is remarkably hard for a winter wheat, making it very valuable for milling. It is also a very heavy wheat. Mr. Krueger's 1909 crop as shown at Omaha weighed 64 pounds to the bushel and his 1910 crop was still heavier weighing 66 pounds.

Prices—By mail: Lb., 30c. By freight or express: Lb., 20c; $\frac{1}{2}$ pk., 35c; pk., 60c; bu. (60 lbs.), \$2.00; 2 to 10 bus. at \$1.75; 10 bus. or over at \$1.60.

WISCONSIN NO. 18 WINTER WHEAT.

A New Variety from the Wisconsin Experiment Farm.

Prof. R. A. Moore, Agronomist, says: "No better wheat has thus far been put out by the Wis. Ex. Station."

This wheat, which is a hard red winter wheat, came to Wisconsin from the Minnesota Experiment Station in 1903, and has thus had 10 years of breeding work put on it.

Prices, same as for World's Champion.

IMPROVED TURKEY RED WINTER WHEAT.

A well known hardy bearded variety of winter wheat.

Prices: $\frac{1}{2}$ pk., 30c; pk., 50c; bu., \$1.75; 2 to 10 bus. at \$1.60; 10 bus. at \$1.50.

Note:—Ask for prices and samples of winter wheat next summer when the new crop is ready. Will have a new strain of Turkey Red to offer.



Assemblyman H. E. Krueger and His World's Champion Wheat.



Field of Mammoth Spring Rye.

OLDS' MAMMOTH SPRING RYE.



Spring Rye is entirely distinct from Winter Rye. It can be sown in the spring a little later even than most other spring grain and a crop harvested the same season. There is more and more demand for the seed each year as farmers are finding out the value of this crop and the convenience of being able to sow rye in the spring. Grows a tall strong straw, six feet high or more and produces as high as 30 to 40 bushels per acre.

Prices: $\frac{1}{2}$ pk., 30c; pk., 50c; bu. (56 lbs.), \$1.60; 2 to 10 bus. at \$1.45; 10 bus. at \$1.35.

WISCONSIN PEDIGREE NO. 1 RYE.

Awarded World's Championship at the Corn Exposition Two Years in Succession.

Yield at Wisconsin Ex. Station Farm, 46 Bushels Per Acre.



A new variety of fall rye, the result of 12 years' careful breeding at the Wisconsin Experiment Station on Petkus and Schlansted as a foundation. The aim has been in this breeding to produce "uniformity of kernel and high yield." Prof. Moore says: "We think we have both in the Wisconsin Pedigreed Rye and we think it is the best variety now in our Country."

Wisconsin Pedigree Rye grows a very strong, stiff straw standing up well even on rich ground. The heads are of unusual length far surpassing any other rye and the kernels are the largest and plumpest ever seen. Wisconsin is the foremost rye state of the Union and this is our best variety.

Prices: $\frac{1}{2}$ pk., 35c; pk., 60c; bu. (56 lbs.), \$1.65; 2 to 10 bus. at \$1.50; 10 bus. at \$1.40.

NEW PETKUS RYE.

With the exception of the new Wisconsin Pedigree, the best variety of fall rye grown.

Prices: $\frac{1}{2}$ pk., 30c; pk., 50c; bu., \$1.50; 2 to 10 bus. at \$1.35; 10 bus. or over at \$1.25.

PRIMOST FLAX. (MINNESOTA NO. 25.)

This is a new pure-bred variety of flax from the Minn. Ex. Station, very much superior to common flax. As compared with the average of three other commercial varieties, Primost showed an increase in yield of 22 per cent. Our stock is North Dakota grown.

Prices: $\frac{1}{2}$ pk., 40c; pk., 75c; bu. (56 lbs.), \$2.40; 2 to 10 bus. at \$2.25; 10 bus. at \$2.15.

NO. 52 RESISTANT FLAX.

A new variety recently developed at the North Dakota Agricultural College. It is wilt-resistant and rust-resistant. It has successfully endured two of the hardest years ever known in North Dakota and where the test was made outyielded all other varieties. Prof. Bolley is recommending it to all flax growers.

Prices: $\frac{1}{2}$ pk., 50c; pk., 90c; bu., \$2.65; 2 to 10 bus. at \$2.50; 10 bus. or over at \$2.40.

JAPANESE BUCKWHEAT.

A popular early variety of buckwheat best for the extreme north. About a week earlier than Silver Hull. The grain is very large, of dark brown color. Sow from June 10 to July 10, one bushel per acre.

Prices: $\frac{1}{2}$ pk., 30c; pk., 50c; bu. (50 lbs.), \$1.50; 2 to 10 bus. at \$1.35; 10 bus. or over at \$1.25.

SILVER HULL BUCKWHEAT.

The best variety in our estimation. It has a rather small grain, light gray in color, nearly round in shape.

Prices, same as for Japanese.

Note.—Write for prices on buckwheat later in the season. Market is liable to change very much before time for sowing.



DWARF ESSEX RAPE.

Largely sown everywhere from the Atlantic to the Pacific.

It furnishes an immense amount of green feed, and its nutritive value is nearly twice that of clover. It may be sown any time from early spring until September, with grain or alone. 5 to 10 pounds of seed per acre is sufficient, less if sown with grain.

A word about the seed. We buy in car lots and handle only the best and purest Dwarf Essex, entirely free from bird rape, mustard or anything of that sort. The Dwarf Essex is the only desirable variety. Some seedsmen give it other names, such as Victoria, English, etc., simply to sell it.

Prices: Lb., 15c; 5 lbs., 50c; 10 lbs., 90c; 25 lbs., \$1.75; 100 lbs., \$6.00; 500 lbs., at \$5.50.

(Add 10c per lb. if to go by mail.)



OLDS' FANCY WISCONSIN FIELD PEAS.



WHITE CANADA. The best known variety and the one usually sown. Sow 1½ to 2 bus. per acre broadcast, with oats. Our stock is northern Wisconsin grown and very fancy. Prices: ½ pk., 35c; pk., 60c; bu., \$2.10; 2 bus. or over at \$2.00. (Prices subject to change. Special prices in quantity.)

SCOTCH BEAUTY. A blue pea of very fine quality and also a heavy yielder.

Prices, Fancy Wisconsin: Same as for White Canada.

WHITE MARROWFAT. Vines large with well-filled pods of large handsome peas.

Prices, Wisconsin Grown: ½ pk., 40c; pk., 70c; bu., \$2.60; 2 bus. or over at \$2.50.

SOY BEANS. A Valuable Crop for the Northern Farmer.

Soy Beans have a double value. First, they contain a very large amount of protein and are great for feed, and second, they are nitrogen gatherers and enrich the soil wherever grown.

Sow with corn or just after corn planting, when the ground is warm, in drills 30 inches apart.

Prices, all varieties, by mail: Pkt., 5c; pt., 20c; qt., 35c. By freight: Qt., 20c; ½ pk., 60c; pk., \$1.00; bu. (60 lbs.), \$3.75; 2 bus. or over at \$3.50.

ROOSEVELT. A new early variety similar to the well known Ito San. Grows erect with numerous pods well filled with small yellow beans. Yields as high as 35 bushels per acre.

MEDIUM GREEN. Largest grower and best yielder of forage of all varieties of Soy Beans, hence the best for ensilage or hay. Grows 3 to 3½ feet high. Planted June 1st with corn, it is ready for the silo with the corn. Is quite largely used now by progressive northern farmers.

BLACK BEAUTY OR EBONY. Seeds are small, jet black and shiny. Grows 25 to 30 inches tall and matures seed in 115 days. Yields a third more than Ito San, but not as early.

ITO SAN. A well-known small early yellow bean.

WISCONSIN BLACK. Small black seeds, earliest of all blacks. Limited stock.

COW PEAS. The Great Soil Enrichers.

Green crops plowed under are one of the best and cheapest ways of improving the soil. For this purpose Cow Peas are excellent, especially for medium or light soils. They should be sown in May or June, at the rate of 1½ bushels to the acre, and plowed under early in the fall.

WHIPPOORWILL. A well-known and standard variety. Best for fertilizer.

Prices: ½ pk., 50c; pk., 90c; bu. (60 lbs.), \$3.50; 2 bus. or over at \$3.25.

NEW ERA. Two weeks earlier than Whippoorwill and one-third smaller.

Prices: Same as for Whippoorwill. (Cow Pea prices subject to change.)

OLDS' PURE SEED BEANS.

TRUE NAVY. The standard white bean. Pure stock.

Prices, by mail: Pkt., 5c; pt., 20c; qt., 30c. By freight: Qt., 15c; ½ pk., 50c; pk., 90c; bu., \$3.25; 2 bus. at \$3.00.

SWEDISH BROWN. A great yielder and very profitable.

Prices, same as for True Navy.

RED KIDNEY. A large handsome red bean.

Prices, by mail: Pkt., 5c; pt., 20c; qt., 35c. By freight: Qt., 20c; ½ pk., 70c; pk., \$1.25; bu., \$4.25; 2 bus. at \$4.00.

FETERITA.

The New Drouth-Resistant Plant.

Feterita was introduced last year and has already in one year made a great name for itself in the drouth-stricken southwest country. It is 25 days earlier than Kafir Corn, out-yields Kafir by far and is little affected by drouth.

The government experts say: "Experiments so far indicate that its earliness, its rather low water requirements, its satisfactory yields, and the ease with which it may be harvested, give it a real place among the sorghums, either for grain or combined grain and forage purposes."

Feterita is well worth trying all over the north.

Prices, by mail: Pkt., 5c; lb., 30c. By freight: Lb., 20c; 5 lbs., 65c; 10 lbs., \$1.00; 100 lbs., \$7.50.

JERUSALEM CORN.

Somewhat like Kafir Corn. Grains pure white and flat.

Prices: Lb., 15c; 5 lbs., 40c; 10 lbs., 65c; 100 lbs., \$5.00.

WHITE KAFFIR CORN.

Largely grown in the south, and now in favor with northern farmers. It makes the best kind of fodder for cattle or horses.

Prices: Lb., 10c; 5 lbs., 25c; 10 lbs., 40c; 100 lbs., \$2.75.

(Add 10c per lb. if to go by mail.)



Feterita, the Great Drouth-Resister.



OLDS' JAPANESE MILLET.



Japanese Millet, sometimes called "Billion Dollar Grass," is quite a specialty of ours. It is one of the most remarkable forage plants we have, often growing six feet tall. Is adapted to all sections; makes more hay than German or any other kind of millet.

Prices: Pk., 50c; bu. (40 lbs.) \$1.75; 100 lbs., \$4.00.

PENCILARIA.

A yield of 95 tons per acre of green fodder is claimed, and 16 tons of good hay. Sow at corn planting time.

Prices: Pkt., 5c; $\frac{1}{4}$ lb., 15c; lb., 35c, postpaid. By freight: Lb., 25c; 5 lbs., \$1.00; 25 lbs., \$3.75; 100 lbs., \$12.00

TEOSINTE.

A gigantic fodder plant. It may be cut green and also makes splendid fodder. Sow in May, two seeds in a hill.

Prices: Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00; 3 lbs (enough for an acre), \$2.50, postpaid. By freight, 10c per lb. less

EARLY AMBER CANE (Sorghum).

Great for feed as well as for making syrup. Every stock farmer in the Northwest should have some. Sow broadcast for fodder. Seed is high this year owing to short crop.

Northern Grown. Best for syrup: Lb., 15c; 5 lbs., 40c; 10 lbs., 65c; 100 lbs., \$6.00. Postage extra.

Southern Grown. Best for fodder: Lb., 15c; 5 lbs., 30c; 10 lbs., 50c; 100 lbs., \$4.00.



Winter Vetch.

GERMAN MILLET.

Grows larger than Common Millet, and is more productive. We have a fine stock of clean bright seed. Sow $\frac{1}{2}$ bushel to 3 pecks per acre. Crop short.

Prices: Pk., 60c; bu. (50 lbs.), \$1.90; per 100 lbs., \$3.50. (All millet prices subject to change. Write for prices when ready to buy. Prices include bags.)

COMMON MILLET. Fancy stock. Pk., 50c; bu., \$1.65; 100 lbs., \$3.00.

SIBERIAN MILLET. Hardier than German Millet, and seed much cheaper. Pk., 45c; bu., \$1.50; 100 lbs., \$2.70.

HUNGARIAN. Preferred by some to German Millet, as it is about a week earlier. Makes fine hay.

Prices, same as for Siberian Millet.

EARLY FORTUNE MILLET. A new variety great for the Northwest. Two weeks earlier than German Millet. Pk., 50c; bu., \$1.75; 100 lbs., \$3.20.



Jap. Millet Heads, $6\frac{1}{2}$ inches long.

HEMP SEED.

Hemp is now being grown for fiber purposes with splendid success in Wisconsin and other northern states. Sow in early spring one bushel per acre either with drill or broadcast.

MINNESOTA NO. 18. The best variety and a great improvement over common hemp.

Prices, by mail: Pkt., 5c; $\frac{1}{4}$ lb., 15c; lb., 40c. By freight: Lb., 30c; $\frac{1}{2}$ pk., \$1.15; pk., \$2.00; bu. (44 lbs.), \$7.00; 2 bus. or over at \$6.75.

COMMON HEMP. Bu., \$6.00; 2 bus. or over at \$5.75.

GIANT SPURRY.

Enriches the soil and makes excellent pasture. Sow in April or May, 10 to 15 lbs. per acre.

Prices—By mail: Pkt., 5c; lb., 25c. By freight: Lb., 15c; 5 lbs., 50c; 10 lbs., 90c; 100 lbs., \$7.00.

MAMMOTH RUSSIAN SUNFLOWER.

Prices, by mail: Pkt., 5c; lb., 25c. By freight: Lb., 15c; 5 lbs., 50c; 10 lbs., 90c; 100 lbs., \$5.50.

WINTER VETCH.—(Vicia Villosa.)

THE GREAT NEW FORAGE PLANT.

A most valuable leguminous plant. Brings an immense amount of fertility to the soil, as well as making splendid pasture. Remains green all winter. Sow in either fall or spring, 20 to 30 pounds per acre with a half bushel of rye or oats for support. The Wis. Ex. Station have been recommending Winter Vetch or Hairy Vetch to Wisconsin farmers very highly during the last year or so, especially for sowing with rye in the fall.

Prices, by mail: Pkt., 5c; lb., 30c. By freight: Lb., 20c; 5 lbs., 65c; 10 lbs., \$1.00; 100 lbs., \$8.50.

Note.—Nearly all vetch seed contains corn cockle, a noxious weed. Our stock is entirely free from it.



OLDS' CLOVER SEED.



High grade, re-cleaned Clover Seed is one of our specialties. The yield of Clover in Wisconsin the past season was very fine and we have some splendid seed to offer our customers. This seed we have thoroughly re-cleaned, taking out the light shrunken seeds and it is all University tested, and free from noxious weeds.

Right here we want to warn our customers against buying clover seed that has not been tested. You don't want to sow buckhorn. It is a noxious weed and is very common in Clover seed. It is in all the foreign seed and in much of the American grown. In fact some sections of Wisconsin have it. It is not safe to buy of your neighbor unless tested. In fact a farmer who sells you seed without having it tested violates the law if he lives in Wisconsin and is liable to fine.

Prices of Clover Seed can never be fixed definitely to last throughout the season. The prices named below are those in effect Jan. 1, 1914, and are subject to market changes. Write for prices and samples before buying, or if desired we will fill the order to the best of our ability, sending as much seed as the money will pay for at our ruling price at the time the order is received. Our Old Gold Brand represents the best, and small orders are always filled with this grade.

MEDIUM OR RED CLOVER.

This is the standard common red clover, and the best for hay.

Prices—OLD GOLD BRAND, by mail: Lb., 35c; 3 lbs., 90c. By freight, present price: Lb., 25c; pk., \$2.60; per bu. (60 lbs.), \$10.00. Bags extra, 22c each. Prices subject to change.

(We have cheaper grades of clover seed just as pure as the Old Gold, but containing shrunken seed. There is a wide variation in seed this year. Prices and samples on application.)

MAMMOTH CLOVER.

Resembles Medium, but larger and coarser. Best for pasture and as a fertilizer.

Prices, OLD GOLD BRAND, same as for Old Gold Medium. Other grades at lower prices.

ALSIKE CLOVER.

Finer and more leafy than Red Clover, but grows to a good height and makes a heavy yield of hay. Also fine for pasture. Alsike is the only clover that will not kill out on wet land. Seed is higher than Red Clover owing to short crop. Look out for foreign seed containing bad weeds.

Prices—Old Gold Brand, by mail: Lb., 40c; 3 lbs., \$1.00. By freight, present price: Lb., 30c; pk., \$3.15; per bu. (60 lbs.), \$12.00. Bags extra at 22c. Subject to change. Other grades lower.

OLDS' CLOVER MIXTURE.

A mixture of Medium, Mammoth and Alsike Clovers in the best proportion for a permanent stand. We recommend this for sowing with our Permanent Grass Mixtures.

Prices—By freight: Lb., 25c; pk., \$2.70; bu. (60 lbs.), \$10.50.

WHITE DUTCH CLOVER. Desirable for pasture mixtures. Also fine for lawns. The White Clover crop was again short the past season and prices are very high.

Prices—Old Gold Brand, by mail: Lb., 60c; 3 lbs., \$1.75. By freight: Lb., 50c; 5 lbs., \$2.25; pk., \$5.25; bu. (60 lbs.), \$20.00. Second Grade, slightly mixed with alsike: Bu., \$13.00. (White Clover prices subject to change.)

CRIMSON CLOVER. Also called Giant Incarnat. An annual clover largely used in the east and south. Sow in April or May, 15 lbs. per acre, or it may be sown in the north in July.

Prices—By mail: Lb., 35c; 3 lbs., 90c. By freight: Lb., 25c; 10 lbs., \$1.50; 100 lbs., \$10.00.

SAINFOIN or ESPARCETTE. The clover for sandy soils. It is a deep-rooting perennial of special value for light sandy or limestone soils. It produces large yields of the best hay, excellent for milch cows, as well as furnishing superior pasture. Sow 30 pounds per acre with oats or barley as a nurse crop.

Prices—By mail: Pkt., 5c; lb., 25c. By freight: Lb., 15c; 10 lbs., \$1.10; 100 lbs., \$9.00.

SERADELLA. An annual adapted to poor and sandy soils. Equal to red clover in nutritive qualities and yields larger crops. Sow in spring 15 to 20 lbs. per acre with grain for a nurse crop.

Prices—By mail: Pkt., 5c; lb., 25c. By freight: Lb., 15c; 10 lbs., \$1.15; 100 lbs., \$9.50.



Sainfoin.



A Wisconsin Alfalfa Field of 107 Acres That Yielded in 1912, 535 Tons of Splendid Hay. Value \$20.00 Per Ton or \$100.00 Per Acre.

OLDS' FANCY ALFALFA SEED.



One of our greatest specialties is Pure Fancy Alfalfa Seed. We sell a good many car loads in a season, all first class seed as we will not handle cheap grades or any imported. Alfalfa is by far the most valuable new plant today for the farmers of the northwestern states. Think of it! Alfalfa yields a crop of hay worth \$100.00 per acre and in addition to that according to the U. S. Dept. of Agriculture, "adds \$100.00 to the value of every acre."

It greatly enriches the soil wherever sown. Its long branching roots penetrate far down into the earth, sometimes to a depth of 20 feet. It thus becomes a great subsoiler, the roots supplying fertilizing matter for succeeding crops.

CULTURE. Last year we prepared a little booklet "Alfalfa Culture in the North," with contributions from Prof. Moore, Ex. Gov. Hoard, Swartz Bros. and others. We have some of these left and will be glad to send them free on application while they last.

The Seed. This is the year to sow alfalfa seed and sow it liberally. The crop the past season was unusually large and the quality very fine. There is no excuse for using imported seed this year as American grown seed is cheap enough so that every farmer can afford it. European seed usually contains dodder, the worst of all bad weeds. Furthermore, imported seed is not nearly as hardy as American grown. Do not use it at all. Insist on knowing where the seed grew before you buy. If you buy of a Wisconsin dealer he will have to give you that information anyway as the new revised Wisconsin seed law as passed by our last legislature requires that for alfalfa, corn and small grain the locality where grown must be given when the seed is offered for sale.

We have at this writing (Dec. 15) five cars of seed in stock or engaged and we expect to buy more. All of this is very fine seed, the brightest and purest possible to secure.

PRICES OF OLDS' FANCY ALFALFA SEED.

Fancy Montana, from Northern Montana near the Canadian border: Pk., \$2.90; per bu., (60 lbs.), present price, \$11.00. Bags extra at 22c.

Fancy Utah, clean bright seed from Northern Utah: Pk., \$2.25; per bu., \$8.50.

Fancy South Dakota, dry land seed grown in Western South Dakota near the Wyoming line: Pk., \$2.40; per bu., \$9.00. (This seed tests 99.4 per cent purity, 96 per cent germination.)

Fancy Nebraska, grown on land never irrigated in Northwestern Nebraska: Pk., \$2.25; per bu., \$8.50. (This seed tests 99.6 per cent purity, 97 per cent germination and is about the brightest, prettiest seed we ever saw.)

Fancy Kansas, bright pure seed from dry land: Pk., \$2.15; per bu., \$8.00. (Test, 99.8 per cent purity, 94 per cent germination.)

Alfalfa prices are subject to change and do not include bags, which are 22 cents each.

One pound, any of the above, by mail 40c; by freight 30c.

(We have always recommended Montana Alfalfa as best for northern sowing because hardier than any other. Prof. Moore says now he is not sure but what Nebraska or even Kansas seed will do just as well in Wisconsin as Montana seed. The point is not decided yet. We think no one will make any mistake in our Fancy Dry Land Nebraska seed.)

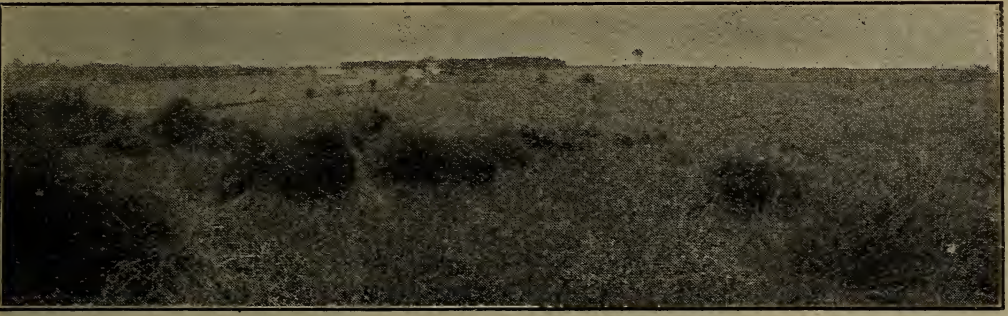
About Grimm Alfalfa. In the first place nine-tenths of all the seed sold as Grimm alfalfa is not Grimm at all and there is no way to tell positively that any of it is genuine, and in the second place, according to the Wis. Ex. Station, Grimm seed gives no better results than any other good northern grown seed. For these reasons we do not handle it. Have had plenty offered us.

ALFALFA INOCULATION, 50c PER ACRE.

To insure success with alfalfa on some soils inoculation is necessary. Soil inoculation is usually effective but is expensive and troublesome and it also allows the spreading of weeds and soil diseases. A number of preparations for inoculating the seed have been advertised in the past, some of them good, some worthless and all too high-priced. \$2.00 per acre is an imposition.

We are glad to be able to offer this year **STANDARD SEED INOCULATION** at only 50 cents per acre size, and guaranteed to give satisfactory results or money refunded. This preparation is made for over 30 leguminous crops including alfalfa, soy beans, cow peas, vetch, clovers, etc. It is put up in 5 acre and 1 acre size bottles ready to use by diluting with water and mixing with the seed. Seed for 10 acres can be thoroughly inoculated in 10 minutes. When ordering be sure to give names of crops to be inoculated.

1 Acre Size, 50c; 5 Acre Size, \$2.50. (Free booklet on request.)



Sweet Clover Field on Farm of Frank Coverdale, Iowa, who has grown Sweet Clover for 14 Years and Who Says it Makes Better Hay and Pasture than Iowa Farmers Usually Have.

SWEET CLOVER (MELILOTUS ALBA).

Sweet Clover has been attracting great attention during the last few years until the seed seems to be in even greater demand than alfalfa seed. In fact the seed is very high again this year. A few of the reasons why the sweet clover crop is valuable are:

1. It grows readily on most all soils and locations.
2. It has the same sort of bacteria laden nodules as alfalfa and inoculates a farm for that crop. If alfalfa does not do well on your farm try sweet clover first.
3. Sweet Clover brings land up rapidly to a high state of fertility and fits it not only for alfalfa but for crops of all kinds.
4. It can be pastured while alfalfa cannot, and stands pasturing better even than red clover.
5. Cattle and hogs both very soon acquire a taste for sweet clover and relish it and thrive on it.
6. At the Iowa Ex. Station it outclassed red clover in its ability to carry more hogs and to furnish green pasture for a longer period.
7. While formerly sweet clover was considered of no value whatever and regarded as a roadside nuisance it is now a well established fact that all kinds of stock learn to eat it just as readily as men learn to eat many things that do not taste just right at first.
8. It makes a profitable hay crop if cut early before it gets too large, while the second crop may be harvested for seed.
9. Eight to twelve bushels of seed can easily be hulled from an acre and the seed is in demand at high prices.

Prof. Evvard of the Iowa Station says, "In my experience and observations, sweet clover has proved itself to be an exceptional forage crop for certain soil conditions, and I know from experience that stock will eat it."

Prof. J. G. Mosier, University of Illinois, says: "It grows more luxuriantly, producing more tops, roots and seed than any other of our biennial clovers, and apparently under more adverse conditions; it is one of the best nitrogen gatherers and subsoilers; it is the greatest seed producer of all clovers, and in a sweet soil will resist drouth better than any other of these clovers."

Sow 15 to 30 pounds of seed per acre either spring or fall but preferably in spring. The white blossomed variety is the most valuable, although the yellow is just as good for inoculating and fertilizing. Hulled seed is preferable to unhulled as it germinates more readily. Ask for free booklet, "Sweet Clover Culture."

Prices: Hulled Seed, White Blossom. By mail: Lb., 50c. Freight: Lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.75; 100 lbs., \$25.00. Bags included.

Unhulled Seed, White Blossom. By freight: Lb., 25c; 10 lbs., \$2.00; 100 lbs., \$18.00.

Yellow Blossom Hulled Seed. By freight: Lb., 25c; 10 lbs., \$1.50; 100 lbs., \$12.50.

(Sweet Clover prices are subject to change.)



Alfalfa View on Swartz Bros.' Farm, Waukesha, Wis. Swartz Bros. say: "No other grass can be started that will do so much deep subsiding and last for so many years and produce from 3 to 5 tons of hay per acre a year."

OLDS' HIGH GRADE TIMOTHY.



TIMOTHY SEED is one of our specialties. We are buying and cleaning all the time the best Wisconsin grown seed and we are in position to furnish pure clean seed at the lowest possible prices.

Prices are subject to market change but give us a chance to quote you and submit samples when ready to buy. Remember, our seed is the purest obtainable with the strongest vitality. It is all University tested.

Prices—Old Gold Brand: Lb., 15c; 5 lbs., 50c; pk., 85c; per bu. (45 lbs.), present price, \$3.00. Bags extra at 22c. Other grades lower.

Prices of all the following include sacks and will stand as long as our stocks last. Ask for samples and special prices on large quantities. We handle only the best grades. Prices do not include postage.

BROME GRASS (Bromus Inermis).

A Very Valuable Grass for the Northwest.

Bromus adapts itself to nearly all conditions of soil and climate, and yields enormous quantities of hay and makes abundant pasture. It defies drouth, and is not affected by frost. Splendid for a permanent grass. Sow 20 pounds per acre early in spring on well-prepared ground, harrowing in the seed. We have not handled Brome Grass for the last 2 years because we could find no seed free from quack grass. Now we have choice seed grown in North Dakota, absolutely free of quack and all other noxious weeds.

Lb., 25c; 10 lbs., \$1.75; 100 lbs., \$14.50.

ORCHARD GRASS. One of the most desirable grasses; withstands drouth, will grow in the shade, and does well on poor land. Sow 3 bus. per acre.

Lb., 25c; bu. (14 lbs.), \$2.25; 100 lbs., \$15.00.

KENTUCKY BLUE GRASS (Fancy). Also known as June Grass. Well suited for pasture, and the standard lawn grass.

Lb., 25c; 5 lbs., \$1.00; bu. (14 lbs.), \$2.15; 100 lbs., \$14.00.

CANADIAN BLUE GRASS. Desirable for pasture mixtures and field sowing but not suitable for lawns because too rank and coarse.

By freight: Lb., 20c; bu. (14 lbs.), \$1.50; 100 lbs., \$8.50.

ENGLISH or PERENNIAL RYE GRASS. The Timothy of England. Does well also in this country. Good for both pastures and meadows. Succeeds well in the shade.

Lb., 15c; 10 lbs., \$1.00; 100 lbs., \$7.50.

ITALIAN RYE GRASS. Similar to the preceding, but larger and stronger in growth.

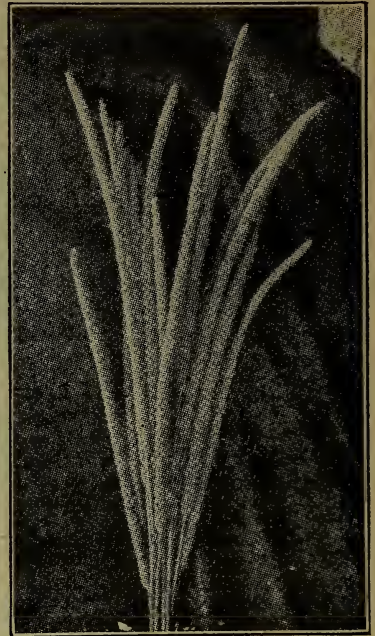
Lb., 15c; 10 lbs., \$1.00; 100 lbs., \$8.00.

PACEY'S RYE GRASS. Similar to English Rye Grass, but smaller and more dwarf. For that reason desirable in lawn mixtures.

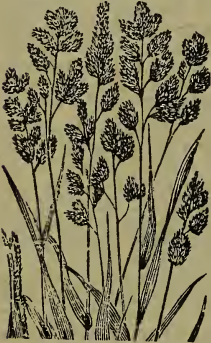
Lb., 20c; 10 lbs., \$1.25; 100 lbs., \$9.00.

MEADOW FESCUE. Also known as English Blue Grass. Excellent for permanent pasture. The crop was large and fine last season.

Lb., 20c; 10 lbs., \$1.50; 100 lbs., \$11.50.



Olds' High Grade Timothy.



ORCHARD GRASS.



Bromus Inermis.

RED TOP. The most valuable general purpose grass we have. A good meadow grass, one of the best for pasture and splendid for lawns. Makes a showing quicker than Kentucky Blue Grass. Crop short.

Fancy Solid Seed. (Recleaned, free from chaff.)

Lb., 35c; 10 lbs., \$2.75; 100 lbs., \$25.00.

Unhulled Seed. Lb., 20c; bu. (14 lbs.), \$1.75; 100 lbs., \$11.50.

CREEPING BENT. A very distinct bottom grass with long creeping stems. Its creeping root and spreading habit form a lasting turf. Largely used for golf links. It makes the finest, thickest and most velvety grass for a lawn of anything in the whole list of grasses.

Lb., 40c; 10 lbs., \$3.25; 100 lbs., \$29.00.

SHEEP'S FESCUE. Recommended for short herbage. Lb., 25c; 10 lbs., \$2.00; 100 lbs., \$18.00.

MEADOW FOXTAIL. Valuable for low ground.

Lb., 40c; 10 lbs., \$3.50; 100 lbs., \$30.00.

TALL MEADOW OAT GRASS. For dry soils.

Lb., 25c; 10 lbs., \$2.00; 100 lbs., \$17.00.



Red Top.

(Add 10c per pound to all prices if to go by mail.)



Scene in Tenney Park, Madison. Sown With Olds' Madison Parks Lawn Grass.

MADISON PARKS LAWN GRASS.

We furnish The Madison Park and Pleasure Drive Association with their lawn grass. They have obtained such fine results from our seed that we have adopted their formula for a new mixture, calling it our Madison Parks Lawn Grass. This mixture is made up almost entirely of solid seed and is much heavier and more expensive than either of our others. The Superintendent of the Association tells us that before coming to Madison he was employed for ten years in Washington Park, Chicago. There, he says, they tried everyone's lawn mixture, but finally settled on this as giving the most even, durable and velvety lawn. We offer it as the best in high grade lawn mixtures.

Lb., 30c; 3 lbs., 85c; 5 lbs., \$1.35; 10 lbs., \$2.50; 100 lbs., \$23.00.

CULTURE:—Sow Lawn Grass at the rate of one pound for each 300 square feet, or not less than 100 pounds per acre. Early spring is the best time for sowing, although lawn grass may be sown most any time when the ground can be worked. Have the soil thoroughly prepared.

OLDS' UNIVERSITY LAWN GRASS.

This is a high grade lawn grass made up of the high priced permanent grasses. Creeping Bent, the famous golf-link grass, is largely used in University Lawn Grass. We recommend University Lawn Grass as a complete grass for a permanent lawn.

Lb., 25c; 3 lbs., 70c; 5 lbs., \$1.10; 10 lbs., \$2.00; 100 lbs., \$18.00.

OLDS' OLD GOLD LAWN GRASS.

We have been making and selling Old Gold Lawn Grass for years and it has given general satisfaction to our customers. This mixture will probably make a better showing the first year than either of the above, although all right too for a permanent lasting growth. There is no timothy in any of our lawn mixtures, and no Canadian Blue Grass.

Lb., 20c; 3 lbs., 55c; 5 lbs., 90c; 10 lbs., \$1.65; 100 lbs., \$15.00.

OLDS' PASTURE MIXTURE.

Some grasses are at their best at one season of the year, and some at others, hence the advantage of a mixture. Olds' Pasture Mixture is made up of the best grades of Orchard Grass, Red Top, Timothy, Meadow Fescue, Canadian Blue Grass, Rye Grass, Sheep's Fescue and others, mixed in proper proportions for the best results. Sow 20 to 25 pounds per acre.

Prices: Lb., 25c; 10 lbs., \$1.50; 25 lbs., \$3.50; 100 lbs., \$13.50, sacks included.

L. J. Williams, Brookline, W. Va., writes: "I never get as good satisfaction with any other grass seed as I do with your Pasture Mixture. Have sowed it two seasons and I want 100 pounds more."

OLDS' MEADOW MIXTURE.

This mixture is designed to furnish the best seed for a permanent stand of grass to be cut for hay. It consists of the same grasses used in our Pasture Mixture, in slightly different proportions, the Canadian Blue Grass and Sheep's Fescue being left out.

Prices: Lb., 25c; 10 lbs., \$1.40; 25 lbs., \$3.25; 100 lbs., \$12.50, sacks included.

Note:—Add 10c per pound to all prices on this page if wanted by mail.



SEED POTATO DEPARTMENT



OLDS' SEED POTATOES—What They Are.



There is money in potatoes if you plant the right kind of seed. Use seed that was grown for seed. Our seed potatoes are grown on contract specially for seed and as a rule from select stock that we furnish. We keep an eye on the crop while it is growing as far as possible. Our form of contract provides that the grower shall deliver only the merchantable product, the minimum weight of tubers to be $2\frac{1}{2}$ ounces, and no prongy, scabby, ill-shaped or overgrown tubers to be allowed.

We are very particular about the matter of sorting. No firm is more so. We store in large, frost-proof but well-ventilated cellars, keeping the temperature as near 40 degrees as possible.

PACKING AND SHIPPING. We are in the best possible position to make prompt shipments, as we have our own sidetracks and load potatoes in all kinds of weather direct from our warehouses into cars alongside, shipping everything in refrigerator cars early in the season. If late in ordering, name second choice, as our rule is not to substitute without permission. All early shipments are packed in lined barrels. Later in the season we sometimes ship in sacks, especially nearby orders, when we are satisfied that they will go just as well that way.

Prices Reasonable. Do not think our prices high. There will be a great demand for seed potatoes this year and our prices will look low before planting time comes. The 1913 crop was way below the average. The October freeze destroyed a lot of potatoes in the ground especially in the Red River country. Thousands and thousands of bushels were never dug at all. Somebody who waits until the last minute this year will go without seed, as there will not be enough to go around. We have a very large stock and we do not intend to advance prices, but we hope our friends will order as early as possible before the stock is sold out.



BLISS' TRIUMPH.

Earliest of All Varieties.

Bliss' Triumph is the standard extra early. We are all familiar with it as sold at the groceries when the first new potatoes are shipped in. The tubers are nearly round, smooth, medium in size, reddish pink in color.

Our Red River grown Triumphs cannot be excelled. The illustration shows them just as they look. Smooth, uniform, round, very desirable in shape and size. In addition to our Red River Triumphs we have one car of beauties from Central Minnesota. This stock is very fine indeed—clean and pure—and grown in the far north they have stronger vitality than home grown stock. They are almost if not quite equal to Red Rivers.

PRICES OF TRIUMPHS FOR 1914.

Red River Grown: $\frac{1}{2}$ pk., 30c; pk., 50c; bu. (60 lbs.), \$1.80; bbl. (172 lbs.), \$4.50; 5 bbls. at \$4.35; 10 bbls. at \$4.25.
Minnesota Grown: Bbl., \$4.40; 5 bbls. at \$4.25; 10 bbls. at \$4.15.
Red River Seconds: Bbl., \$3.50; 5 bbls. at \$3.35; 10 bbls. at \$3.25.



IRISH COBBLER.

Next to Early Ohio the Most Popular Early Potato.

Irish Cobbler has been for some years the most famous early potato in the East. In the potato sections of Maine it has been more largely grown than all other earlies and has been shipped from there in large quantities to supply the truckers of New Jersey and Virginia and other Atlantic coast states. From there its popularity has extended throughout the whole of the United States.

It is a pure white potato, nearly round in shape with eyes rather more pronounced than in the Ohio type varieties. It is spoken of as the legitimate successor to Bliss' Triumph and is fast superseding that variety. It sells better than Triumph as it is a better looker, is ahead of Triumph in quality and yields much more, often twice as much, although we do not find it quite as early.

We have both Red River and Wisconsin grown Cobblers to offer this year. Our Wisconsin stock was grown in the northern part of the state from Red River seed. For a real early white variety, plant Irish Cobbler and order Olds' seed to be sure of genuine stock. Lots of potatoes have been sold for Cobblers that were not Cobblers or that were mixed with late potatoes.

PRICES OF OLDS' IRISH COBBLERS.

Red River Grown: Pk., 50c; bu., \$1.80; bbl., \$4.50; 5 bbls. at \$4.35; 10 bbls. at \$4.25.
 Northern Wisconsin: Pk., 45c; bu., \$1.70; bbl., \$4.25; 5 bbls. at \$4.10; 10 bbls. at \$4.00.
 Red River Seconds: Bu., \$1.40; bbl., \$3.50; 5 bbls. at \$3.35; 10 bbls. at \$3.25.

OLDS' EARLY ACME.

Acme is an extra early variety very similar to Early Ohio in appearance and manner of growth. We have offered it every year for a long time, but this year have only a few as our crop nearly failed. What we have are nice, however, smooth, clean and pure. They grew in Central Wisconsin from Red River seed last year.

Prices: Pk., 50c; bu., \$1.80; bbl., \$4.50; 5 bbls. at \$4.35; 10 bbls. at \$4.25.



RED RIVER WHITE OHIO.

AN OHIO WITH A WHITE SKIN.



White Early Ohio is identical in every-way with Red Early Ohio except in color, which is a fine white, or nearly so. The great demand in every market now is for a white potato, and even the good old Ohio, the standard for extra early, often has to take a back seat because of the color of its skin. Here we have a genuine Early Ohio with the quick, compact growth of that well-known variety, and with a white skin. It is just as good in quality and just as early as the Red Ohio. Most of our growers say it yields better, and it certainly has made some great yield records.

Our stock is all choice Red River grown, from the same grower as we have contracted with for several years. Send your order early, as we never have enough White Ohios.

Prices: $\frac{1}{2}$ pk., 35c; pk., 60c; bu., \$2.00; bbl., \$5.00; 5 bbls. at \$4.85; 10 bbls. at \$4.75.

Second Size: Bu., \$1.60; bbl., \$4.00; 5 bbls. at \$3.85; 10 bbls. at \$3.75.

OLDS' IMPROVED EARLY OHIO.

The well-known dependable all-around early variety.



Early Ohio is without doubt the most popular early potato in the country. We have more calls for it always than for any other early. Every one knows what it is, and knows that it can be relied on for an early market variety in almost every locality.

A large percentage of the so-called Ohios throughout the country however, are badly mixed and are run out. The worst of it is many farmers do not seem to know that their seed is mixed. It is even very common to find potatoes entered for exhibition at the fairs in the fall as Early Ohios that are all mixed up with Early Rose or some other variety with smooth skin and pointed ends. A typical Early Ohio should have blunt rounded ends, with the cluster of eyes at the seed end right out flush with the surface.

Our illustration shows just how Olds' Famous Improved Red River Grown Early Ohios look, as it is an actual photograph of a barrel put up from our bins showing the potatoes just exactly as they are. Note the well-rounded symmetrical shape and uniform size. No run-out stock about them. We have sold thousands and thousands of bushels of this high grade vigorous stock during the last few years, shipping them to customers all over the United States. Every one is always pleased with our stock.

We have a large stock of Improved Early Ohios from the Red River Valley again for this year and we shall sell at the prices given in this catalogue as long as the stock lasts. But we want to urge early orders as we fear we shall be sold out before the season is over. Our prices are low for the sort of stock we offer.

We have also some splendid Wisconsin Early Ohios grown from Red River seed on the sandy lands of the northern part of the state. Some may prefer this stock as it is acclimated and still only one year removed from Red River stock.

PRICES OF OLDS' IMPROVED EARLY OHIOS FOR 1914.

Red River Grown: Pk., 50c; bu., \$1.80; bbl., \$4.50; 5 bbls. at \$4.35; 10 bbls. at \$4.25.

Wisconsin Grown: Pk., 45c; bu., \$1.70; bbl., \$4.25; 5 bbls. at \$4.10; 10 bbls. at \$4.00.

Second Size (Red River grown): Bu., \$1.40; bbl., \$3.50; 5 bbls. at \$3.35; 10 bbls. at \$3.25.

Our second size potatoes are smooth and nice, running from 2½ ounces (about the size of an average hen's egg) down to 1½ ounces, with occasionally one a little smaller still. They go further than large potatoes and really make very desirable seed. We offer seconds of four varieties this year, Early Ohio, White Ohio, Irish Cobbler and Triumph, all Red River stock.



MINNESOTA EARLY ROSE.

Of all varieties of potatoes introduced in America during the last 30 or 40 years none filled a greater need than the old Early Rose. At the time it was introduced there were few good varieties. It almost revolutionized potato growing the country over and made it at once very profitable. No variety perhaps has been more universally grown in every section. It is still largely planted in the east and to some extent in the west. We have calls for it every year but have not grown it for some time as we thought it was run out and a has-been. We are glad now to be able to offer this year pure stock of the genuine old Early Rose. Our stock is Minnesota grown, strong and vigorous and not at all run out.

It seems hardly necessary to describe Early Rose. It is well known to all older farmers and gardeners at any rate as the strongest growing, heaviest yielding, most profitable early sort. It has a rose-colored skin, plenty of eyes, tubers rather long in shape, of first-class quality. Not as early as Early Ohio but usually yields more. Try our Minnesota grown seed.

Prices: Pk., 50c; bu., \$1.80; bbl., \$4.50; 5 bbls. at \$4.35; 10 bbls. at \$4.25.



GREEN MOUNTAIN.

Every year somebody writes us and wants to know why we do not offer Green Mountain. Now this year we have them, a fine stock of the genuine.

This variety is almost in a class by itself. The illustration above shows exactly how it looks as we have just had it made from a photograph of the actual stock we have to offer. The tubers run rather large with a thick skin, heavily netted, cream color rather than white. The color and the thick netting indicate fine cooking qualities. A Green Mountain is hard to beat for an eating potato, as it always cooks up dry and mealy and has a peculiarly fine flavor. The eyes are rather deep as compared with the Rural type varieties but the quality is most excellent and then it is a very strong, vigorous grower and heavy yielder. Our grower raised 2,000 bushels the past season on 11 acres in Central Wisconsin, while the average yield in his section was only 60 bus. per acre.

The foliage is very leafy; tops large and branching with light green leaves and white blossoms. Entirely different from Rurals in appearance and manner of growth. It is more liable to scab than the Rural type varieties but its good qualities will outweigh this and will commend it to many who are looking for just this type of potato. We are glad to be able to offer this fine vigorous stock of genuine Green Mountain.

Prices: Pk., 45c; bu., \$1.50; bbl., \$4.25; 5 bbls. at \$4.10; 10 bbls. at \$4.00.

Jno. W. Klein, Manitowoc County, Wis., writes Oct. 21, 1913: "I want to let you know about the seed potatoes I ordered last spring. I sent for one bushel Scotch Rural potatoes and kept them pure. They yielded 13 bags or about 24 bushels from that one bushel, which I think is pretty fair. I sold 7 bushels at one dollar a bushel."



OLDS' SCOTCH RURAL, An Improved Rural New Yorker.

OUR MOST SATISFACTORY MAIN CROP VARIETY.



Something new in the Rural line, imported from Scotland. Introduced by us three years ago. It is a regular Rural New Yorker all right in looks and in manner of growth but in yield and growth of vine is way ahead of Rural.

One of our growers near Madison secured a yield of 300 bushels per acre, while Rural New Yorker and other late varieties under the same conditions yielded less than 200. This man said that 2 hills filled an ordinary milk pail and he reported vines 6 feet long. We saw his field in August and at that time the growth completely covered the ground.

Another of our growers, Mr. Adam Wipperfurth, raised 1,400 bushels last fall from six acres in an unfavorable season when every one of his neighbors who planted Rural New Yorker secured less than 100 bushels per acre. Mr. Wipperfurth himself had Rural New Yorkers but they did not yield half as much as his Scotch Rural. What would it mean to the potato growers of Wisconsin if they could all double their yield? Think of it! Twice as many potatoes from the same acreage.

This has been just about the record of Scotch Rural every year that we have grown it, double the yield of other varieties. The secret is it has new blood and new vitality and when the hot weather of mid-summer comes along and checks the growth of other varieties, Scotch Rural keeps right on growing. "Blood will tell."

The first year we had Scotch Rural they did not get ripe as they refused to stop growing. The next year they made just about as big a growth, beating everything else by far, but they finally ripened up all right. The third year here, they were still earlier, ripening about the same as ordinary Rurals, although the growth and yield were way ahead of Rurals. Now we are satisfied that they are perfectly safe to plant, although we would not recommend planting after June 1st. They are not only superior yielders but very smooth and handsome looking. Note the illustration above. Also the sample from Mr. Wipperfurth's field on the back cover of this catalogue.

In fact Scotch Rural is just about an ideal main-crop potato. It is destined to prove a great money maker to the potato growers of the Northwest and we hope everyone who receives our catalogue will secure seed this year. It will pay handsomely. Take our advice in the matter and order a liberal supply, and be sure to order in good season before the stock is exhausted.

Prices: Pk., 60c; bu., \$2.00; bbl., \$5.00; 5 bbls. at \$4.85; 10 bbls. at \$4.75.

E. L. Benedict, Beloit, Wis.: "The Scotch Rurals were fine. Yielded 340 bus. per acre."



Six-acre Field of Scotch Rural Yielding 1,400 Bushels Last Fall on Farm of Adam Wipperfurth. Part of the Field Went 350 Bushels per Acre, Average 235 Bushels, in an Unfavorable Year.



SNOWFLAKE JUNIOR.

Here is a great potato that we offered our customers for the first time two years ago. It grows and yields like Rural and at the same time has something of the flaky whiteness and superb quality of the old Snowflake. Our attention was called to it by one of our farmers here near Madison, Mr. P. J. Schneider, who had quite a field of them in 1911. He said they were ahead of anything he had ever had and that "the bugs did not bother them." We saw his field the last of August and they were very fine indeed at that time. The stand was perfect and the growth very large, just about covering the ground. Vines rather more leafy than vines of the Rural but with the same thick, strong, dark-colored stalks. Foliage not like the old Snowflake.

We bought this man's entire crop and when dug they were certainly beauties. There were no skips. Every hill was there, 8 to 10 potatoes in each hill and all about the same size; hardly any overgrown ones and no small ones. The actual yield for the entire field was 386 bushels per acre and this with just common field culture on a common farm.

Mr. Schneider grew our Snowflake Jr. for us in 1912 (see photograph below) and we have all of his crop to offer our customers again this year as well as a lot more grown by his neighbors. They are dandies too—smooth, clean and uniform in size and shape. Everyone will be pleased with them.

We want to say right here that if you want something to take the place of Rural New Yorker plant our Snowflake Junior. You can just as well have 250 bushels per acre instead of 150. Snowflake Jrs. look like Rurals and all the potato buyers would call them Rurals, but they are away ahead of Rurals. They are ahead in quality as they cook more like Snowflakes, they are smoother and nicer looking and they yield much better. They have a more leafy and more bushy vine. In fact they are better every way.

Prices: $\frac{1}{2}$ pk., 30c; pk., 50c; bu., \$1.80; bbl., \$4.50; 5 bbls. at \$4.35; 10 bbls. at \$4.25.



Field of Snowflake Jr. on farm of P. J. Schneider, near Madison, season of 1912. Yield 250 bushels per acre. Yield of same variety in 1911 on same farm 386 bushels per acre.

Geo. H. Burk, Oskaloosa, Iowa, writes Feb. 3, 1913: "L. L. Olds Seed Co. in my opinion are good, reliable seedsmen. I have used their seed for ten years and have always found them satisfactory. It is true what they have published in their catalogue."

Joseph M. Dix, Baldwin City, Kans., writes Feb. 5, 1913: "I think L. L. Olds Seed Co.

O. K. in their dealings. We got our seeds there last year and were well pleased with their stock."

E. L. Nelson, Clayton, Wis., writes: "I am writing you to say that your seeds are the best I have yet tried," also that hereafter I shall buy all my seeds from you. Please send catalogue as early as possible next spring."



SIR WALTER RALEIGH, King of the Rural Varieties.

Sir Walter Raleigh was first introduced in 1897. It is as good as ever today and better. Selection has improved it. It is generally spoken of as "Mr. Carman's Best," and we feel like calling it "Olds' Best." With our growers it has made the very best continuous record of all our varieties for yield, size, smoothness and handsome appearance. Good large size, hardly ever any small ones, nearly round in shape, but flattened, just what is most desired now; skin pure white, thin and transparent, eyes few and very shallow; potatoes never prongy and never scabby, almost blight-proof, a sure yielder in all soils.

Any farmer who wants pure, vigorous seed of the best all-round market variety had better order some of Olds' Sir Walter Raleighs. Potato Growers! Discard your old mixed stock and put in Sir Walter Raleighs. You will make more money every time.

Prices: $\frac{1}{2}$ pk., 25c; pk., 45c; bu., \$1.60; bbl., \$4.00; 5 bbls. at \$3.85; 10 bbls. at \$3.75.



MINNESOTA RUSSET. Unexcelled for Quality.

This potato is in a class by itself. For fine quality it is not surpassed by any other variety. A baked Russet is indeed a delicacy. In Central Minnesota, where we secured our stock, this variety has jumped into great prominence during the last two years. The farmers there find that this strain of Russet will yield as much as Rural and others of the standard sorts, and will always sell at a nice premium because of its desirable shape and superlative quality.

Minnesota Russet is medium in season, produces shallow-eyed, rather long, pure white tubers with skin completely covered over with a very thick netting, making it a decided russet. It is fine-grained, always cooking up white and flaky and for baking is especially fine. We recommend it particularly for the home garden although it has its reputation in market too.

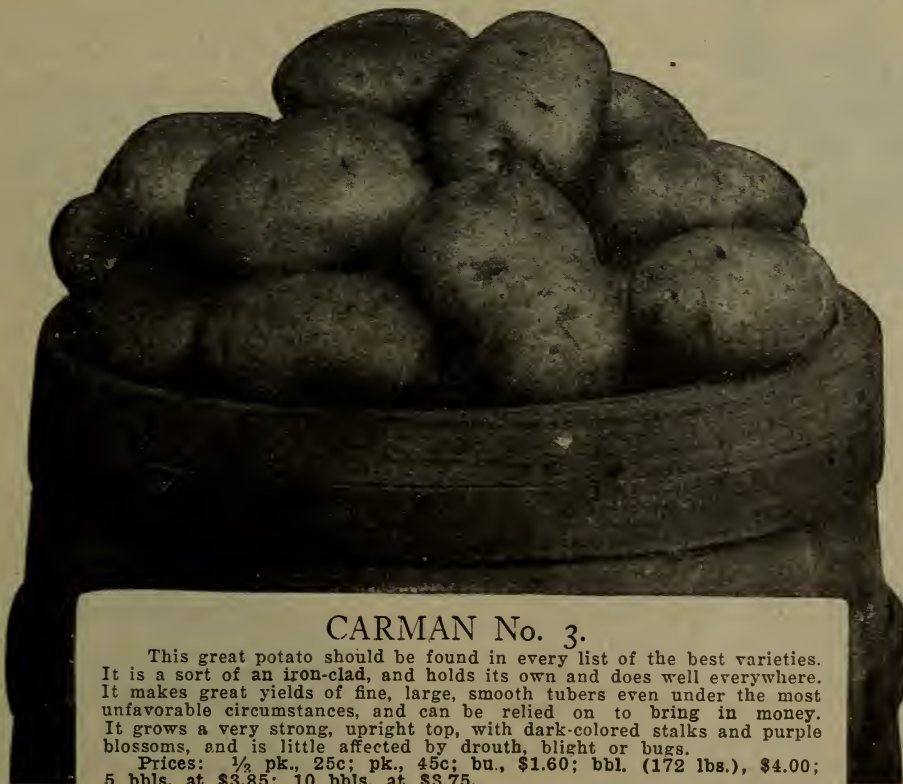
Prices: $\frac{1}{2}$ pk., 30c; pk., 50c; bu., \$1.80; bbl., \$4.50; 5 bbls. at \$4.35; 10 bbls. at \$4.25.



RURAL NEW YORKER No. 2.

Well known now the country over, and very largely planted for a profitable main crop. "Dusty Rurals" always bring the top price in Chicago market, and no doubt more Rurals are shipped to Chicago than all others combined. But the stock generally is badly mixed and more or less run out. We have an unusually fine strain of Rurals, pure, vigorous and true to type.

Prices: $\frac{1}{2}$ pk., 25c; pk., 40c; bu., \$1.50; bbl., \$3.50; 5 bbls. at \$3.75; 10 bbls. at \$3.65.



CARMAN No. 3.

This great potato should be found in every list of the best varieties. It is a sort of an iron-clad, and holds its own and does well everywhere. It makes great yields of fine, large, smooth tubers even under the most unfavorable circumstances, and can be relied on to bring in money. It grows a very strong, upright top, with dark-colored stalks and purple blossoms, and is little affected by drouth, blight or bugs.

Prices: $\frac{1}{2}$ pk., 25c; pk., 45c; bu., \$1.60; bbl. (172 lbs.), \$4.00; 5 bbls. at \$3.85; 10 bbls. at \$3.75.

OLDS' PROLIFIC.

Introduced by us in 1908. Remarkable for heavy yield and strong, large growth. We have ourselves measured vines of this variety over 6 feet long and have counted as high as 15 marketable potatoes from one hill. J. M. Killian grew 50 bushels on one-eleventh of an acre, or at the rate of 550 bushels per acre.

It is a pure white potato, of fine appearance, oblong in shape; skin quite well netted; cooking qualities good; medium late in season. For yield and strong growth of vine ahead of all others.

Prices: 1/2 pk., 25c; pk., 45c; bu., \$1.70; bbl., \$4.25; 5 bbls. at \$4.10; 10 bbls. at \$4.00.

PAT'S CHOICE.

We introduced this variety in 1900 as "The Greatest of All Late Potatoes," basing this claim on the fact that "it outyields the Rural type varieties and is of better quality." These statements will stand all right, although we admit that Pat's Choice is not as good a seller as the Rural varieties, owing to its shape and color. Pat's Choice is long and smooth with shallow eyes. Skin a beautiful pink color, very thickly netted, and for quality always dry and mealy whether baked or boiled.

Prices: 1/2 pk., 30c; pk., 50c; bu., \$1.90; bbl., \$4.75; 5 bbls. at \$4.60; 10 bbls. at \$4.50.

COMPLETE POTATO PRICE LIST.

	Half Peck (15 lbs.)	Peck (30 lbs.)	Bu. (60 lbs.)	Bbl. (172 lbs.)	5 Bbls. Per bbl.	10 Bbls. Per bbl.
Red River Triumph.....	Page 24	\$.30	\$.50	\$ 1.80	\$ 4.50	\$ 4.25
Red River Triumph, Seconds.....	Page 24	.25	.40	\$ 1.40	3.50	3.25
Minnesota Triumph.....	Page 24	.30	.50	1.75	4.40	4.15
Red River Irish Cobbler.....	Page 25	.30	.50	1.80	4.50	4.25
Red River Irish Cobbler, Seconds.....	Page 25	.25	.40	1.40	3.50	3.25
Wisconsin Irish Cobbler.....	Page 25	.25	.45	1.70	4.25	4.00
Wisconsin Early Acme.....	Page 25	.30	.50	1.80	4.50	4.25
Red River White Ohio.....	Page 25	.35	.60	2.00	5.00	4.75
Red River White Ohio, Seconds.....	Page 25	.25	.45	1.60	4.00	3.75
Red River Early Ohio.....	Page 26	.30	.50	1.80	4.50	4.25
Red River Early Ohio, Seconds.....	Page 26	.25	.40	1.40	3.50	3.25
Wisconsin Early Ohio.....	Page 26	.25	.45	1.70	4.25	4.00
Minnesota Early Rose.....	Page 27	.30	.50	1.80	4.50	4.25
Green Mountain.....	Page 27	.25	.45	1.70	4.25	4.00
Olds' Scotch Rural.....	Page 28	.35	.60	2.00	5.00	4.75
Snowflake Junior.....	Page 29	.30	.50	1.80	4.50	4.25
Sir Walter Raleigh.....	Page 30	.25	.45	1.60	4.00	3.75
Minnesota Russet.....	Page 30	.30	.50	1.80	4.50	4.25
Rural New Yorker.....	Page 31	.25	.40	1.50	3.90	3.65
Carman No. 3.....	Page 31	.25	.45	1.60	4.00	3.75
Olds' Prolific.....	Page 32	.25	.45	1.70	4.25	4.00
Pat's Choice.....	Page 32	.30	.50	1.90	4.75	4.50

POUND PRICES (All Varieties)—By mail: One pound (about 3 good tubers), 25c; 3 lbs., 60c, postpaid. By freight or express: Lb., 15c. Not less than one pound of a variety sold.

Collection Barrels. We offer a barrel made up of any 2 varieties potatoes on our list, half of each, at barrel rates, plus 15 cents; 3 varieties, at barrel rates, plus 25 cents.

Collection Bushels. We offer a bushel of any 2 varieties, half of each, at bushel rates; 4 varieties, one peck of each, at bushel rates, plus 15 cents; 8 varieties, 1/2 peck of each, at peck rates.

POTATO EYES.

We put up Potato Eye Boxes of any varieties on our list and send them prepaid anywhere in the United States at the mail prices named below. Good strong eyes are very carefully removed from select tubers, as shown in the illustration, and packed in damp moss in paraffine lined boxes. We guarantee safe arrival in good growing condition.

We have been sending out potato eyes in this way now for several years and we know they give our customers satisfaction. Many have written us of good results obtained from planting this kind of seed. A box of 160 eyes will produce a fine lot of potatoes, and give an opportunity to test some of our

choice varieties at small cost. This plan is specially fine for customers living at a great distance, where express or freight charges would be very high. Orders will be booked when received and sent so as to reach destination at about the right time for planting according to our judgment, although we prefer to have customers state when wanted in the order.

PRICES OF POTATO EYES.

- 160 Eyes, (one box) all one variety, your selection, \$1.00 by mail, postpaid.
- 160 Eyes, (one box) two varieties, 80 of each, your selection, \$1.05 by mail, postpaid.
- 160 Eyes, (one box) four varieties, 40 of each, your selection, \$1.15 by mail, postpaid.
- 480 Eyes, (3 boxes) all one variety, \$2.15 by express, not prepaid.
- 480 Eyes, (3 boxes) three varieties, \$2.25 by express, not prepaid.
- 480 Eyes, (3 boxes) twelve varieties, \$2.65 by express, not prepaid.

(No orders accepted for less than 160 eyes.)

HYBRIDIZED POTATO SEED.

We offer a fine stock of choice potato seed, from which new varieties are produced. Experimenting with this seed is very interesting work. Sow early in the house and transplant the same as tomatoes. Every seed makes a distinct variety. Pkt., 15c; 2 pkts., 25c.

*Geo. W. Davis, St. James, Mo., writes: "Have been comparing your prices for 'Eyes' with _____ and _____. Find your prices are much better for the purchaser. Consequently you will have an order from me at least and I expect from several others for 'Eyes.'" I enclose list of names."

Geo. Hart, Camp Crook, Mont., reports 350 pounds Carman No. 3 grown from 160 eyes sent him last spring. One potato tipped the scales at three pounds. Mr. Hart says, "Olds' seeds are the only stuff."



GARDEN SEED DEPARTMENT



Our seeds are grown for seed purposes only and are equal to any offered. We catalogue varieties of merit and have selected from these the "Wisconsin Standards"—see next page.

Where our **TRADE MARK** appears, it indicates varieties we have been instrumental in introducing. To help those who might be confused by a long list, we have marked with a star (★) those varieties we specially recommend for general cultivation.



SEEDS CANNOT BE SENT BY PARCEL POST. -ZONE RATES DO NOT APPLY TO SEEDS AT ALL. CATALOGUE PRICES INCLUDE POSTAGE.

DISCOUNTS.

We allow a cash discount on all garden seed orders for packets and ounces (excepting collections), as follows:

20 Per Cent on Orders for PACKETS and OUNCES, Am'ting to from 50c to \$1.00
25 Per Cent on Orders for PACKETS and OUNCES, Amounting to Over \$1.00
30 Per Cent on Orders for PACKETS ONLY, Amounting to from 50c to \$1.00
35 PER CENT ON ORDERS FOR PACKETS ONLY, AMOUNTING TO OVER \$1.00

If the packet and ounce portion of your order amounts to \$1.00, send us 75 cents. If you order nothing but packets and the order amounts to \$1.00, send us 65 cents. These offers apply to nothing but packets and ounces.

If your garden seed order, not including packets and ounces, amounts to \$5.00 or more, you are entitled to market gardeners' prices and should send for our market gardeners' net price list—free on request.

Prices from the market gardeners' list and special prices are net and not entitled to any further discount.

We guarantee safe delivery of all seeds whether sent by mail, express, or freight, but cannot be responsible for the crop. Success depends largely upon conditions of soil and climate; however, should our seeds prove unsatisfactory, we will, providing we have sufficient proof that they were not as represented, refill the order or return the money, but we will not assume responsibility further than the amount sent us. If the purchaser does not accept these terms, the seed is to be returned at once.

All of our garden seeds are first tested for germination. We are careful to give the seed the same temperature and moisture that they would have under normal conditions in the open ground. Under each heading we give the standard per cent of vitality for good seed and we will, on request, give the germination of any lot sent out.

Our seeds are put up fresh each year and the stock number, letter and year stamped on every package. When making request for test, be sure and mention the stock letter and number.

SPECIAL CASH PREMIUMS.

We offer, in cash, \$25.00 (first prize, \$15.00, second prize, \$10.00) for collections of vegetables grown from our seeds at Wisconsin State Fair, Fall 1914.

OLDS' WISCONSIN STANDARDS

We have selected the following sorts as those best adapted for the home garden. They are also desirable for the market gardener. "Olds' Wisconsin Standards" are not untried novelties—we know from personal experience that each is among the best of its class.

	By mail postpaid.			
	pkt.	oz.	¼ lb.	lb.
BEET (41). Olds' Improved Blood Turnip. Grows quickly, has a small top and is altogether the best first early beet.....	\$0.05	\$0.10	\$0.15	\$.50
BEET (51). Crosby's Egyptian. The most desirable early market variety.....	.05	.10	.15	.45
CABBAGE (70). Olds' Select Early Jersey Wakefield. The best early cabbage in cultivation.....	.05	.15	.40	1.50
CARROT (101). Early Short Top. The best carrot for home use.....	.05	.10	.25	.35
CUCUMBER (160). Olds' Extra Early White Spine. Very productive.....	.05	.10	.20	.55
CUCUMBER (158). Olds' Improved Chicago Pickling. Fruits medium in length and pointed at both ends.....	.05	.10	.20	.55
LETTUCE (215). Olds' Earliest Forcing. The best variety for forcing.....	.05	.10	.15	.55
LETTUCE (220). Early Prize Head. Good all the year round.....	.05	.10	.15	.55
MUSKMELON (239). Olds' Select Osage. Just right for the home garden; also popular with the market gardener.....	.05	.10	.20	.55
WATERMELON (262). Cole's Early. A fine melon adapted to this locality.....	.05	.10	.15	.45
ONION (280). Olds' Golden Globe. Hardy and reliable—excellent for market or home use.....	.10	.20	.30	1.10
ONION (281). Olds' Silver Globe. Close and fine grained—cannot be excelled for the home garden.....	.10	.25	.45	1.65
ONION (282). Olds' Crimson Globe. Close grained, mild and tender.....	.10	.20	.35	1.15
PARSLEY (307). The Arlington. A fine, new, double curled parsley—stands heat, cold and drought.....	.05	.10	.20	.55
PARSNIP (310). Olds' Improved Guernsey. We consider this the best.....	.05	.10	.15	.40
PEPPER (350). Olds' Ruby King. The most popular large red pepper.....	.05	.15	.35	1.25
PUMPKIN (361). Olds' Quaker Pie. Very prolific and a good keeper.....	.05	.10	.20	.60
RADISH (373). Olds' Improved French Breakfast. Early, handsome, tender and crisp.....	.05	.10	.15	.45
RADISH (376). Olds' Crimson Giant. Best large radish for first outdoor planting.....	.05	.10	.15	.45
RADISH (385). Best White Icicle. The best long, pure white radish.....	.05	.10	.15	.50
SPINACH (402). Bloomsdale. Thick, dark green, wrinkled leaves; hardy and a great favorite.....	.03	.05	.10	.30
SQUASH (413). Olds' Golden Hubbard. Very productive and fine for pies.....	.05	.10	.20	.65
TOMATO (429). The Matchless. Produces large, red tomatoes throughout the entire season—just right for the home garden.....	.05	.10	.35	1.20
TURNIP (465). Olds' Purple Top White Globe. A rapid grower, globe-shaped, pure white flesh—a sure cropper and will outyield any other.....	.05	.10	.15	.40
HERB (492). Sage. More extensively used for seasoning than any other.....	.05	.10	.18	.60
By mail, postpaid.				
BEANS (15). Olds' Stringless Green Pod. The best green pod for either market or the home garden; early, hardy and productive.....		.10	.20	.35
BEANS (24). Olds' Pencil Pod Wax. The best wax pod for the home garden—tender and entirely stringless.....		.10	.20	.35
SWEET CORN (137). Olds' Ideal Early. The best early, large eared sweet corn; commands a high price in market and just the thing for the home garden.....		.05	.15	.25
SWEET CORN (146). Olds' White Evergreen. A pure white evergreen—fine for market gardeners and all who like good sweet corn.....		.05	.15	.25
PEAS (325). Notts' Excelsior. The best early dwarf pea in cultivation; very sweet and tender—can be planted at intervals of two weeks throughout the summer.....		.10	.25	.35
PEAS (326). Olds' Improved Stratagem. The best of all the large-podded late peas—and can also be used for a later second early.....		.10	.25	.35

OLDS' WISCONSIN STANDARDS COMPRISE 31 VARIETIES. In order to induce every one to give them a trial, we offer one packet of each, 31 packets in all, amounting to \$1.75 at catalogue prices, for \$1.00, by mail postpaid. By express or freight, not prepaid, 75c. For 50 cents we will send postpaid 23 packets, one packet of each—excepting the Peas, Beans and Sweet Corn and leaving out one each of the Radishes and Onions. If this offer gives you more seed than you want get one of your neighbors to order with you and secure your garden seeds at half price.

The Cash Discounts mentioned on page 33, do not apply on the above collections.

ASPARAGUS

The Asparagus bed furnishes the first green delicacy for the table in the spring, is universally popular, and requires but little care. Each packet contains ¼ oz. of seed and will plant 15 feet of drill; two to three pounds an acre. We recommend planting roots, however, rather than seed.



1. **CONOVER'S COLOSSAL.** The standard variety. Two-year-old roots. 25, 35c; 100, \$1.15, postpaid. By express or freight, not prepaid: 25, 25c; 100, 65c; 1,000, \$5.00. SEED: Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 45c, postpaid.

2. **COLUMBIAN MAMMOTH WHITE.** A new variety, with white shoots that stay white. Rather more vigorous in growth and with larger shoots than Conover's Colossal. Two-year-old roots: Doz., 25c; 25, 40c; 100, \$1.25, postpaid. By express or freight, not prepaid: 25, 30c; 100, 75c; 1,000, \$6.00. SEED: Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c, postpaid.

3. **BARR'S MAMMOTH.** Large and productive; grows twice as large as Conover's Colossal. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 45c, postpaid.

4. **BONVALLET'S GIANT.** This new asparagus has proved to be in great demand; its flavor, size and whiteness place it ahead of any other. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c, postpaid.

5. **PALMETTO.** The plants are vigorous in growth, producing large thick dark green shoots with a distinctly pointed tip. Roots and seed, same price as for Conover's Colossal.

We can furnish roots of Conover's Colossal, Columbian Mammoth White and Palmetto—50 of a kind at the 100 rate; 500 at the 1,000 rate. Special prices on larger lots on application.

BEANS

Our beans are Northern grown, thoroughly rogued and carefully hand-picked. Those marked with a star are varieties we specially recommend. Order by number.

Our packets contain two ounces each, and will plant from 10 to 15 feet of drill. One quart will plant 100 feet of drill; $1\frac{1}{4}$ bushels one acre. Vitality of good seed, 90%.



20½. ★OLDS' STRINGLESS WAX POD. A brand new Wax Pod Bean—early, prolific and luscious. This bean is early, hardy, very prolific, entirely stringless, and as good, in quality and productiveness, as Burpee's Stringless Green Pod. It is a cross of Valentine Wax and Burpee's Stringless Green Pod.

Olds' Stringless Wax grows upright, bearing the beans well off the ground and is loaded with large, handsome pods—see illustration. The pods average six inches in length, light yellow in color, well filled and meaty; they are entirely stringless and of the most delicious flavor. It is the most prolific bush bean we know of and this combined with its large, handsome, delicious, stringless pods, makes it most valuable for any and every purpose.

Mr. Thos. Cunningham, of Missouri, with whom this bean originated, says: "It is a much better bean than Burpee's Stringless Green Pod."

Mr. H. C. Middleton, of Madison, a successful market gardener, says: "I have been growing beans for the last 30 years and your Stringless Wax Pod is the most prolific bush bean I have ever seen. The large, handsome pods are of the finest flavor and are entirely stringless. Their appearance and quality will command the highest price in any market."

We have been breeding this bean for several years and now have a very choice stock. Prices for 1914: Pkt., 10c; 2 pkts., 15c; pt., 25c; qt., 40c, postpaid.

See page 37 for prices by express or freight, not prepaid.

20. IMPROVED GOLDEN WAX. The standard flat, wax podded variety. The Golden Wax has long been a popular favorite, and this Improved strain surpasses the old Golden Wax in several ways. The plants are very bushy and not susceptible to blight. The pods are large and handsome—they are also tender, brittle and absolutely without strings or coarse fibre at all stages until maturity, while the color is a rich golden-yellow. It is a heavy cropper and valuable for both home and market gardening. Pkt., 10c; pt., 20c; qt., 35c, postpaid.

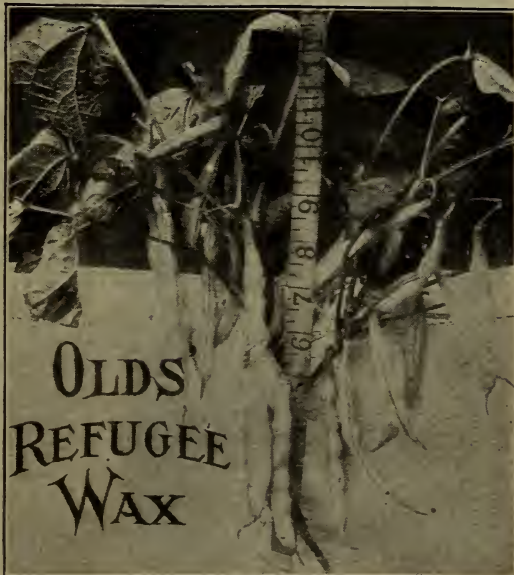
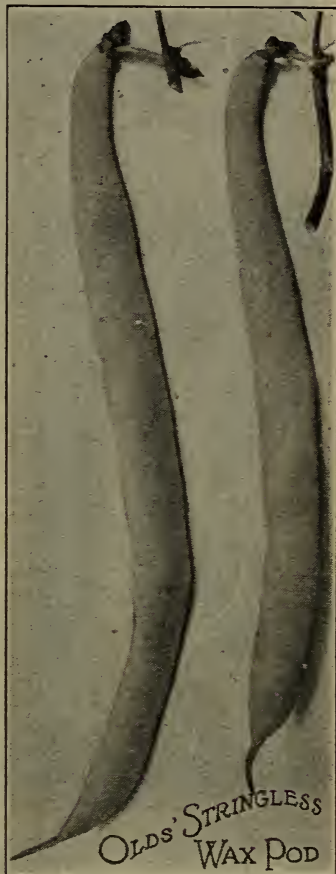
21. IMPROVED BLACK WAX. (Dwarf German Prolific.) This bean originated from the old Black Wax and is a great improvement over its parent. One of the earliest of all the wax beans and very productive. The pods are from four to five inches in length, usually slightly curved, quite round, brittle and stringless. Pkt., 10c; pt., 20c; qt., 35c, postpaid.

17. BLACK VALENTINE. An excellent variety and an improvement over the old popular standard Early Red Valentine—not quite so early, but one-third larger, with round, straight pods, hardy and prolific. Pkt., 10c; pt., 20c; qt., 35c, postpaid.

29. OLDS' REFUGEE WAX. See illustration. A strong bush and very productive. The pods are five inches long, slender, nearly round, light golden yellow in color, solid, brittle and stringless. It is an early bean and should be in every home garden. Pkt., 10c; 2 pkts., 15c; pt., 20c; qt., 35c, postpaid.

15. ★STRINGLESS GREEN POD. (Burpee's.) The best green pod. It is early, hardy and productive, bearing handsome pods which are entirely stringless even when fully matured. The pods are five inches long, of a rich green color, very round and straight. By repeated plantings, fine pods may be had in constant succession from spring until cut off by heavy frosts in the fall. For either the market or home garden, no other green podded bean is so entirely satisfactory. Pkt., 10c; 2 pkts., 15c; pt., 20c; qt., 35c, postpaid.

18. TENNESSEE GREEN POD. A very productive snap variety, maturing a few days later than Stringless Green Pod; of excellent quality and desirable both for the home garden and for market. Pkt., 10c; pt., 20c; qt., 35c, postpaid.

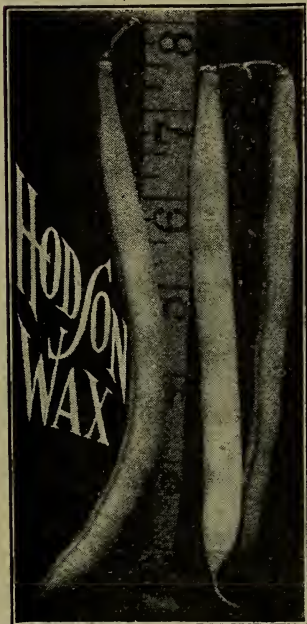


REMEMBER We pay the postage on all seeds by the packet, ounce, quarter-pound, pound, pint and quart. If ordered by express or freight deduct 10 cents per pound.

✂ If you have anything new that is good write us about it.



13. **BOUNTIFUL.** A new Stringless Bush Bean. Extra early, tender, large-podded (see illustration), and a bountiful yielder. The flat green pods are absolutely stringless and entirely free from tough, membranous lining. This bean is a continuous bearer—the first in the spring and the last in the fall. Fine for the home garden and just right for the truck patch. Pkt., 10c; pt., 20c; qt., 35c, postpaid.



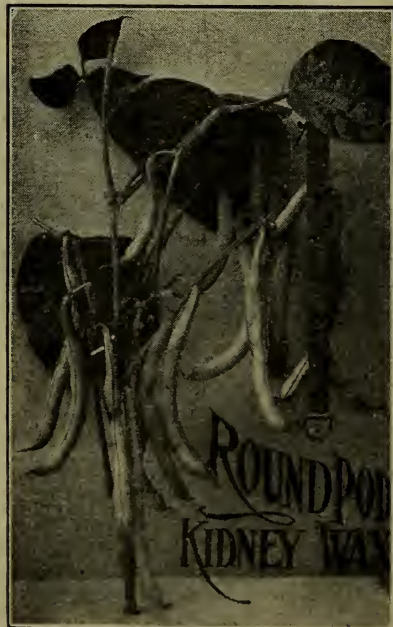
14. **THE LONGFELLOW.** A new Green Pod Bean. An extra early variety with perfectly round, straight, fleshy pods—very tender and brittle. We heartily recommend this variety. Pkt., 10c; pt., 20c; qt., 35c, postpaid.

16. **OLDS' BEST OF ALL BUSH.** One of the finest and most productive of all the Green Pod Bush varieties. The plants grow erect, 18 to 20 inches in height, bearing a profusion of long, straight pods, well above the soil. The pods are fleshy, succulent, stringless and of extra fine flavor, altogether one of the most desirable both for market and home use. Pkt., 10c; pt., 20c; qt., 35c, postpaid.

27. **NEW HODSON WAX.** The new wax bush bean and one never affected by rust or blight. This bean is in a class by itself—it is remarkable for its great size of bush and length of pod. The pods are from 7 to 8 inches long—see illustration. Altogether it is just the bean for market gardeners and truckers. The plants should be thinned out to at least 6 inches in the row on account of the great size of the bush. Pkt., 10c; pt., 20c; qt., 35c, postpaid.

24. **★OLDS' PENCIL POD WAX.** This bean is very early, very productive and of most excellent flavor. The pods are long, straight, round like a pencil, fleshy, and of a bright yellow color; absolutely stringless—try it. Pkt., 10c; pt., 20c; qt., 35c, postpaid.

We have arranged our catalogue different from most other seed catalogues. We have no novelty pages, but list all varieties under their respective headings.



25. **★OLDS' ROUND POD KIDNEY WAX.** A handsome second early wax bean. This new bean combines all the good qualities of Wardwell's Kidney Wax with the best round-podded sorts. It is the same in season as Wardwell's, and is entirely free from rust. The plants are stocky, and very productive. The pods are large, handsome, of a rich lemon-yellow, and stringless. Pkt., 10c; pt., 20c; qt., 35c, postpaid.

28. **★CURRIE'S RUST-PROOF WAX.** Absolutely rust-proof. Grown side by side with other wax beans, this variety remained entirely free from rust. It is early and productive; the pods are straight, rather flat, five inches long, of a light golden yellow color; of very fine flavor and excellent quality; crisp, tender and entirely stringless. Pkt., 10c; pt., 20c; qt., 35c, postpaid.

23. **WARDWELL'S KIDNEY WAX.** One of the earliest, hardest and most productive wax pod beans. Famous with market gardeners. Pods are long and showy, a third longer than Golden Wax, and a week earlier. A rich, golden yellow, brittle and entirely stringless. Pkt., 10c; 2 pkts., 15c; pt., 20c; qt., 35c, postpaid.

30. **★BURPEE'S BUSH LIMA.** A true bush lima bean, requiring no poles or supports. Burpee's Bush Lima can be successfully grown by any one, and it ought to be in every garden. The bushes grow erect 18 to 20 inches high. Each pod contains 3 or 4 large beans; very tender and of a delicious flavor. Pkt., 10c; 2 pkts., 15c; pt., 20c; qt., 35c, postpaid.

36. **LAZY WIFE POLE.** A very popular pole bean. A great favorite with the housewife, stringless and of a rich, buttery flavor. The pods are dark green in color, 4½ inches in length, and are produced in great abundance. Pkt., 10c; 2 pkts., 15c; pt., 25c; qt., 40c, postpaid.

**34. BURPEE-IMPROVED BUSH LIMA.**

Earlier, larger and more productive than Burpee's Bush Lima. The bush is vigorous in growth, upright and has a heavy foliage. The pods are uniform in size, with an average of five beans to a pod—see illustration above. The beans are large, thin skinned and of fine flavor. The pods are borne in clusters and are easily gathered. This bean is a great improvement over the well-known Burpee's Bush Lima. Pkt., 10c; 2 pkts., 15c; pt., 25c; qt., 40c, postpaid.

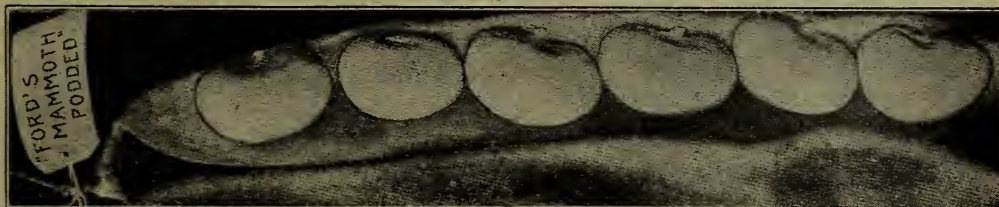
The Best Seeds that grow are sold by Olds.

33½. GREEN-SEEDED CARPINTERIA.

The most perfect Pole Lima Beans. Very productive, producing pods five to six inches long, usually filled with four large, thick, luscious green beans. Splendid for the home and market garden. Pkt., 10c; pt., 20c; qt., 35c.

33. FORD'S MAMMOTH PODDED.

The largest podded, finest flavored and most productive Pole Lima Bean. The pods average 8 inches in length, with from five to seven beans in a pod (see illustration), excellent for using either green or dry. The vines grow vigorously, setting beans early, and continuing to bear right up to frost. Pkt., 10c; pt., 20c; qt., 35c, postpaid.

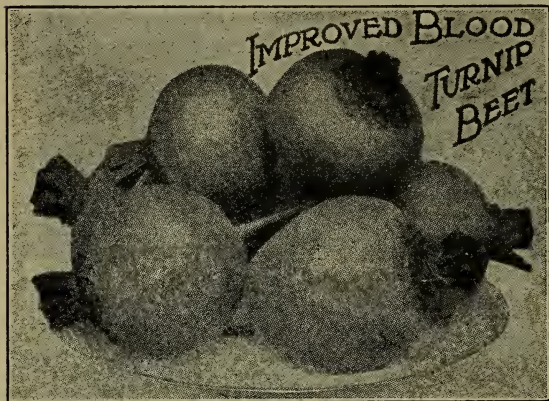
**BEANS. Full List.**

	By mail, postpaid.			By frt. or exp., not prepaid.		
	Pkt.	Pt.	Qt.	Qt.	Pk.	Bu.
Pints, half-pecks and half-bushels at quart, peck and bushel rates.						
10. EXTRA EARLY REFUGEE. Early, hardy and productive.	\$0.10	\$0.20	\$0.35	\$0.20	\$1.10	\$4.00
11. ROUND YELLOW SIX WEEKS. Early; very productive.	.10	.20	.35	.20	1.20	4.45
12. IMPROVED ROUND POD VALENTINE. An improved strain of the well-known standard green pod snap bean.	.10	.20	.35	.20	1.15	4.25
13. BOUNTIFUL. A new stringless bush bean; early; tender.	.10	.20	.35	.20	1.30	5.00
14. LONGFELLOW. The new green pod. Page 36.	.10	.20	.35	.20	1.30	5.00
15. ★STRINGLESS GREEN POD (Burpee's). Best green pod.	.10	.20	.35	.20	1.25	4.75
16. OLDS' BEST OF ALL BUSH. Page 36.	.10	.20	.35	.20	1.30	5.00
17. BLACK VALENTINE. A greatly improved Valentine.	.10	.20	.35	.20	1.40	5.50
18. TENNESSEE GREEN POD. Description, page 35.	.10	.20	.35	.20	1.25	4.75
20. IMPROVED GOLDEN WAX. A very popular bean.	.10	.20	.35	.20	1.35	5.25
20½. OLDS' STRINGLESS WAX POD. A brand new wax pod bean. See illustration and description, page 35.	.10	.25	.40	.25	1.55	6.00
21. IMPROVED BLACK WAX. Early and very prolific.	.10	.20	.35	.20	1.35	5.20
22. DAVIS WHITE KIDNEY WAX. Productive and very handsome; fine for home use.	.10	.20	.35	.20	1.40	5.50
23. WARDWELL'S KIDNEY WAX. A valuable wax pod; early.	.10	.20	.35	.20	1.50	5.85
24. ★OLDS' PENCIL POD WAX. A fine wax pod. Page 36.	.10	.20	.35	.20	1.35	5.25
25. ★OLDS' ROUND POD KIDNEY WAX. Best second early.	.10	.20	.35	.20	1.40	5.50
27. HODSON WAX. Never affected by rust or blight. Page 36	.10	.20	.35	.20	1.35	5.20
28. ★CURRIE'S RUST-PROOF WAX. Absolutely rust-proof.	.10	.20	.35	.20	1.30	5.00
29. OLDS' REFUGEE WAX. See illustration, page 35.	.10	.20	.35	.20	1.15	4.35
29½. VALENTINE WAX. A splendid prolific second-early.	.10	.20	.35	.20	1.30	5.00
30. ★BURPEE'S BUSH LIMA. True bush lima—no poles.	.10	.20	.35	.20	1.35	5.25
31. HENDERSON'S BUSH LIMA. The earliest bush Lima.	.10	.20	.35	.20	1.30	5.00
32. KING OF THE GARDEN LIMA. The favorite pole Lima.	.10	.20	.35	.20	1.35	5.25
33. FORD'S MAMMOTH PODDED. A large podded pole lima.	.10	.20	.35	.20	1.40	5.45
33½. GREEN-SEEDED CARPINTERIA. A perfect pole lima.	.10	.20	.35	.20	1.40	5.45
34. BURPEE-IMPROVED BUSH LIMA. The earliest lima.	.10	.25	.40	.25	1.85	7.25
35. BEST OF ALL POLE (White Creaseback). The best early.	.10	.20	.35	.20	1.25	4.85
36. LAZY WIFE POLE. The most popular pole bean.	.10	.25	.40	.25	1.60	6.25
37. GOLDEN CLUSTER WAX POLE. A valuable snap bean.	.10	.25	.40	.25	1.55	6.00
38. KENTUCKY WONDER. A very popular pole bean.	.10	.20	.35	.20	1.30	4.95
39. SCARLET RUNNER. An ornamental, snap pole bean.	.10	.25	.40	.25	1.80	7.00

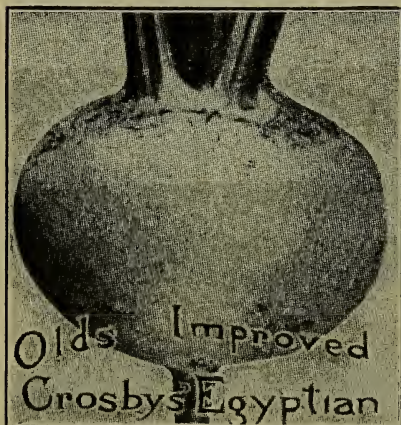
"BY EXPRESS OR FREIGHT" means f. o. b. Madison—the purchaser paying cost of transportation.

BEETS

We take great care to have seed that will produce beets free from rootlets and uniform in size. Our packets each contain $\frac{1}{4}$ oz. of seed and will plant from 12 to 15 feet of drill; four to five pounds, one acre. Those marked with a star are the varieties we especially recommend. Vitality of good seed, 90%. Order by number.



the large standard varieties. Columbia has proven earlier than any, and best of all in quality. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c, postpaid.

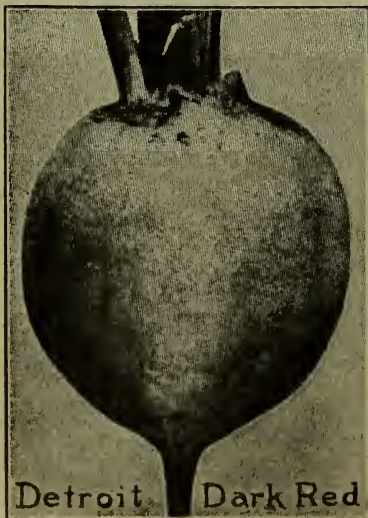


51. OLDS' IMP'D CROSBY'S EGYPTIAN. The most desirable early market beet. A selection from Early Egyptian, which is the standard extra early sort. It retains the earliness of its parent, and has a more desirable shape—see illustration. It is deep red in color and of better quality than Egyptian, being sweeter and more tender. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 45c, postpaid.

52. ★CRIMSON GLOBE. A new variety of great merit. Unequaled for table use; very handsome, early and suitable for a main-crop variety, of medium size, almost globe-shaped and free from rootlets. The flesh is a deep purplish crimson and of the finest quality, always sweet and tender, and never stringy. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 45c, postpaid.



54½. OLDS' DANISH BLOOD TURNIP. A grand new table beet combining more good qualities than any other round variety. It is a handsome round beet; fine-grained, with blood-red flesh. Very early, tender and makes a handsome pickling sort. It retains its crispness and freedom from woodiness throughout the entire season. The tops are rich blood-red in color and can be used in ornamental bedding. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 40c, postpaid.



48. DETROIT DARK RED TURNIP. A very fine early turnip beet, with dark red skin and bright red flesh. It grows very smooth, is globular in shape—see illustration, and is tender and sweet. A splendid beet for bunching for market and one of the best for the market garden. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 55c, postpaid.

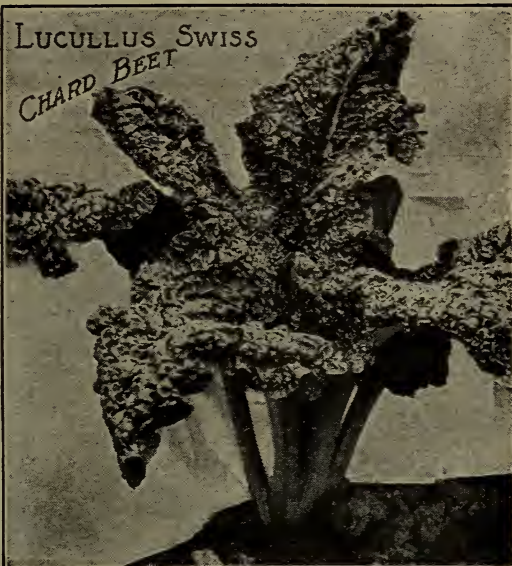
45. ★NEW EARLY MODEL. The Perfect Beet. It is medium early, coming in between the Electric and Crimson Globe. The bulbs run very uniform and are almost round; fine-grained, tender and sweet—never woody or stringy. It is a fine variety for the home garden. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c, postpaid.

54. EARLY YELLOW TURNIP. An early, yellow, globe-shaped variety; very sweet, tender and crisp. Both skin and flesh a bright light yellow, in marked contrast to the deep coloring of other varieties. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 40c, postpaid.

We believe in halftone illustrations made from photographs. If you grow anything good from our seeds, send us a photograph of it—like Lucullus Swiss Chard, or Fireball Beet. We will pay the cost of the photograph, and if we can do so, will use it in our next catalogue. To make good pictures the photographs should be on glossy paper, any size (the larger the subject, the better), mounted or unmounted.

52½. LUCULLUS SWISS CHARD. The new Swiss Chard, or Spinach Beet. The plants grow from two to two and one-half feet in height. The stalks are thick, broad and delicious when cooked and served in the same manner as asparagus. The Lucullus has large, pointed, crumpled leaves—see illustration, which when cooked and served in the same manner as spinach are tender and fine flavored. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c, postpaid.

LUCULLUS SWISS
CHARD BEET



We receive, every year, a large number of testimonial letters from our customers. These letters are of recent date and unsolicited. We like to get them and would like to print all of them in this catalogue, but cannot do so for lack of room.

Miss Laura Orbison, Cherry Valley, Ark., June 6th, 1913, writes: "Your seeds are just fine; we like them better than any seeds we ever used, because they come up so soon and grow. We have the best garden this year we ever had."

Jos. Richard, Assumption, Ill., Mar. 17th, 1913, says: "Seeds and bulbs received and certainly look fine. Am well pleased."



40½...★OLDS' EARLIEST FORCING (Fireball). A new, extra early beet; suitable for forcing. This beet is bright red in color, has a smooth skin and is solid and very sweet in flavor. The leaf stalks and tap roots are quite small (see illustration), making it valuable for sowing in frames. It retains its fresh table qualities better than most beets and is also a valuable sort to sow in the open ground. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid.

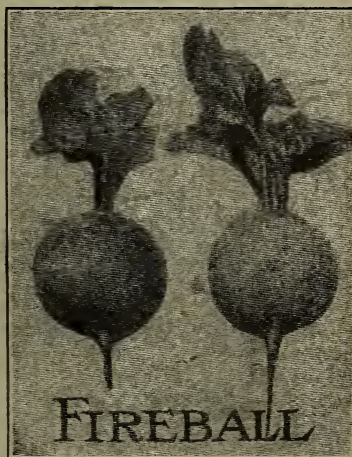


45½. OLDS' DANISH HALF LONG. A new table beet; unequalled for slicing. It grows partly out of the ground and is free from roughness. It tapers from three inches in diameter, at the shoulder, to a slender root; brilliant red in color and very handsome in appearance when cooked and sliced for the table. It is tender, fine grained and of excellent quality—try it. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid.

EVERY MARKET GARDENER

should have our market gardeners' net price list before ordering—free on request.

If your order for garden seeds, in larger quantities than ounces, amounts to \$5.00 or more, you are entitled to better prices than those given in this catalogue.



BEETS. Full List.

If ordered by express or freight, deduct 10 cts. per lb.

By mail, postpaid.

	pkt.	oz.	¼ lb.	lb.
40. IMPROVED EARLY EGYPTIAN. The standard market variety; grows quickly, producing smooth, flat, turnip-shaped roots.....	\$0.05	\$0.10	\$0.15	\$0.45
40½. ★OLDS' EARLIEST FORCING (Fireball). A new extra early beet, suitable both for forcing and the open ground.....	.05	.10	.20	.60
41. ★OLDS' IMPROVED BLOOD TURNIP. The standard early beet.....	.05	.10	.15	.50
42. EDMAND'S EARLY BLOOD TURNIP. Dark red; fine flavor; good for winter use, and one of the best beets grown.....	.05	.10	.20	.55
43. ★THE ELECTRIC. The best second early beet. Page 38.....	.05	.10	.20	.55
44. EARLY ECLIPSE. Very early, globe-shaped, with small top, thin root; skin bright red; flesh fine grained.....	.05	.10	.15	.45
45. ★NEW EARLY MODEL. The perfect beet.....	.05	.10	.20	.60
45½. OLDS' DANISH HALF LONG. A new brilliant red beet.....	.05	.10	.20	.55
46. HALF LONG BLOOD. Fine for winter use. Always smooth, crisp and tender, remaining so until late in the season; dark red flesh.....	.05	.10	.15	.50
47. LONG SMOOTH BLOOD RED. A well-known winter beet; late in maturing, but an excellent keeper.....	.05	.10	.15	.45
48. DETROIT DARK RED TURNIP. A fine early turnip beet. One of the best for the market garden; dark red skin, and bright red flesh.....	.05	.10	.20	.55
49. MARKET GARDENERS'. The great all seasons' beet.....	.05	.10	.20	.55
50. NEW COLUMBIA. A fine main crop variety.....	.05	.10	.20	.60
51. CROSBY'S EGYPTIAN. A most desirable early market beet.....	.05	.10	.15	.45
52. ★CRIMSON GLOBE. A new variety of great merit. Page 38.....	.05	.10	.15	.45
52½. ★LUCULLUS SWISS CHARD. The new Swiss Chard Beet.....	.05	.10	.15	.50
53. SWISS CHARD. The well-known spinach beet; grown for its succulent tops—prepare and use like spinach or asparagus.....	.05	.10	.15	.40
54. EARLY YELLOW TURNIP. An early, yellow, globe-shaped variety.....	.05	.10	.15	.40
54½. OLDS' DANISH BLOOD TURNIP. Round, fine-grained with blood-red flesh. See description, page 38.....	.05	.10	.15	.40

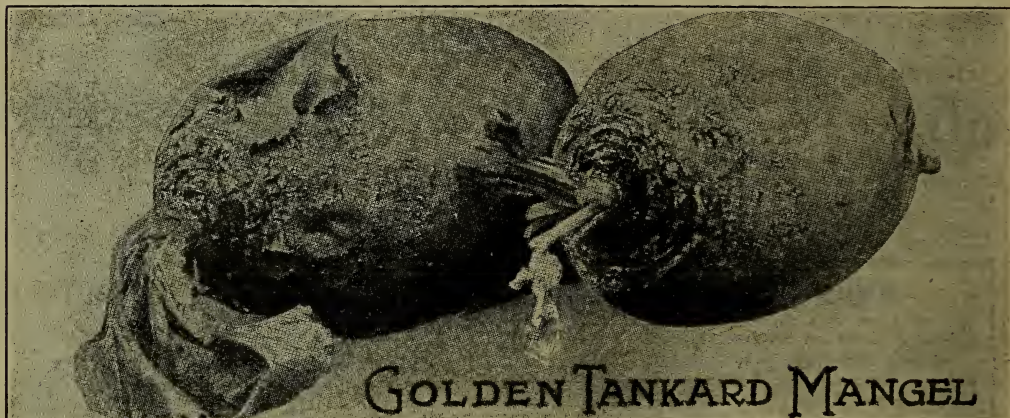
Do not fail to take advantage of our liberal Cash Discounts. See page 33.

MANGELS AND SUGAR BEETS

Mangels are good keepers and very productive. 35 to 50 tons can be grown to the acre.

Five or six pounds of seed will sow an acre. If ordered by express or freight, deduct 10 cts. per lb. 2 lbs. or more at 5-lb. rates. Order by number.

	By mail, postpaid.				
	pkt.	oz.	¼ lb.	lb.	5 lbs.
55. MAMMOTH LONG RED. The best long red mangel; very productive, often yielding 50 tons to the acre. It grows well above the ground and is easily harvested.....	\$.....	\$0.05	\$0.15	\$0.40	\$1.75
56. GOLDEN TANKARD. The best yellow mangel in cultivation; globe-shaped, easily harvested and very desirable.....05	.10	.35	1.50
57. GOLDEN GIANT INTERMEDIATE. Intermediate between the long and the globe-shaped.....05	.10	.38	1.40
58. CHAMPION YELLOW GLOBE. The best globe-shaped mangel.....05	.15	.40	1.75
59. GIANT ECKENDORF. The most popular mangel in Germany, also proving very satisfactory in the United States—has a high percentage of dry matter and is easily harvested.....05	.10	.35	1.25
59½. DANISH SLUDSTRUP. A new mangel, described and illustrated below.....05	.15	.45	2.00
60. LANE'S IMPERIAL SUGAR. A great favorite. Not so rich in sugar as Vilmorin's, but larger and more profitable to grow for feeding.....05	.15	.40	1.75
61. KLEIN WANZLEBEN SUGAR. Largely grown for sugar. The root is straight and even. A heavy yielder and very rich in sugar.....05	.10	.35	1.50
62. VILMORIN'S IMPROVED SUGAR. An improved French variety; very rich, containing usually as high as 16 per cent of sugar....05	.15	.40	1.75
63. GIANT HALF-SUGAR. One of the most valuable for feeding stock. It unites the large size of the mangel with the great feeding value of the sugar beet.....05	.10	.35	1.25



GOLDEN TANKARD MANGEL



DANISH SLUDSTRUP

56. GOLDEN TANKARD. The best yellow-fleshed mangel in cultivation. It contains a larger percentage of sugar than the red mangels. It has a small tap-root and grows largely above ground—see illustration. It can be grown closely in rows and yields enormously. Oz., 5c; ¼ lb., 10c; lb., 35c, postpaid. Not prepaid: 5 lbs., \$1.00.

59½. DANISH SLUDSTRUP. This new mangel has attained the highest honor in agricultural circles in Denmark, where mangels are as important as corn is here. Sludstrup has a long reddish-yellow root, growing more than half above ground and is easily harvested—see illustration. It excels any other variety in weight, feeding value and yield. Our seed is from the best Danish growers. Oz., 5c; ¼ lb., 15c; lb., 45c, postpaid. Not prepaid: 5 lbs., \$1.50.

BRUSSELS SPROUTS.

A species of cabbage, requiring the same cultivation. The sprouts resemble small cabbage growing closely on the stalk of the plant. They are fine for boiling during late fall and winter.



65. OLDS' NEW DANISH. The plants are strong and robust, and the stalks large, thick and close-jointed. But the most desirable feature of this variety is that almost the whole stalk is covered and those at the bottom of the stalk are as fine and solid as those further up. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.45, postpaid.

THIS CATALOGUE is mailed without request to all who have ordered in the last three years.

CABBAGE

Our cabbage seed is the best American-grown, excepting of the Danish varieties, which can only reach perfection in Denmark. Each packet contains 1-6th oz. of seed, sufficient to produce 500 plants; ¼ lb. will plant one acre. Those marked with a star are the varieties we specially recommend. Vitality of good seed, 90%. Order by number. Use Slug Shot as a remedy for cabbage worms.



70. ★OLDS' SELECT EARLY JERSEY WAKEFIELD.

The best early cabbage in cultivation. It forms fine, solid heads of good size, with very few outer leaves, and is of the best quality. Seed grown from selected heads only. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50, postpaid.

88½. GLORY OF ENKHUIZEN.

A new variety from Holland; considered the most important recent introduction in the cabbage line. The heads are of medium size, globe shaped, handsome (see illustration), with few outer leaves and just right for market; very productive and excellent in quality, surpassing in flavor most of the other varieties. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.80, postpaid.

84½. **COPENHAGEN MARKET.** The new Danish cabbage and the earliest ball-shaped variety; two weeks later than the Early Jersey Wakefield. The heads are solid, of fine quality, with small cores and weighing about 10 pounds each—see illustration. Pkt., 10c; 2 pkts., 15c, oz., 30c; ¼ lb., \$1.00; lb., \$3.75, postpaid.

74. ★**THE VOLGA.** A valuable acquisition in the cabbage line. The heads are as round as a ball. The flesh is firm and tender. It matures two weeks earlier than any other of our late growing sorts, and if set out early will mature in July and August. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75, postpaid.



79. **OLDS' BRIDGEPORT DRUM-HEAD.** A select strain of the finest of all Drumheads; grown only from the largest and most perfect heads. It makes a very large, round, firm head. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.55, postpaid.



85. **OLDS' SELECT DANISH BALL HEAD.** The best cabbage for keeping through the winter. The heads are perfectly round (see illustration), solid and deep, and of a fine white color making them different in appearance from any other variety. The quality is superior and it is the best keeper of all cabbages, although not as large as some. Best Imported Danish-grown Seed: Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75, postpaid.

85½. **THE HOLLANDER.** An excellent cabbage for late spring and for shipping. The heads are of medium size, solid and handsome in appearance; good keepers. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.85, postpaid.



87½. **OLDS' LONG STEM BALL HEAD.** (Danish-Grown) The Danish Ball Head has a very solid head and is unequaled for shipping and keeping qualities. Many trials have demonstrated this. The Long Stem is the best strain of Ball Head and produces a fine market size head. The head is very hard, almost round, fine grained and heavier than any other of equal size. Pkt., 5c; oz., 15c; ¼ lb., 55c; lb., \$2.15, postpaid.



We catalogue the best American and Danish grown Cabbage—see next page for full list.

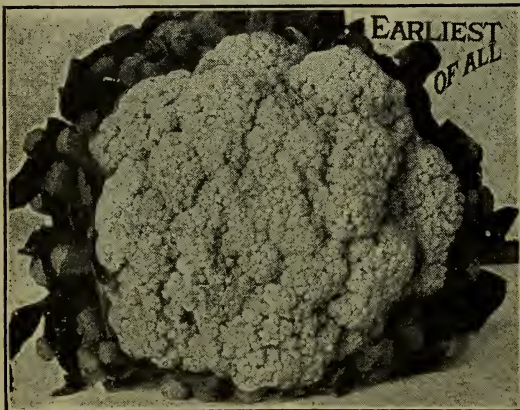
CABBAGE. Full List.

If ordered by express or freight, deduct 10c per lb. Half-pounds at lb. rates.

	By mail postpaid.			
	pkt.	oz.	¼ lb.	lb.
70. ★OLDS' SELECT EARLY JERSEY WAKEFIELD. Best early cabbage...	\$0.05	\$0.15	\$0.40	\$1.50
71. EXTRA EARLY EXPRESS. Earliest of all. Small pointed heads...	.05	.15	.45	1.65
72. LARGE WAKEFIELD or CHARLESTON. About a week later than Jersey Wakefield and about half as large again.	.05	.15	.45	1.70
73. EARLY SPRING. The earliest flat-headed variety.	.05	.15	.45	1.65
74. ★THE VOLGA. A valuable acquisition in the cabbage line.	.05	.15	.50	1.75
75. ★ALLHEAD EARLY. Best all-the-year-round cabbage.	.05	.15	.40	1.55
76. THE HOUSER. A favorite late winter cabbage.	.05	.15	.50	1.85
77. HENDERSON'S SUCCESSION. Second early.	.05	.15	.40	1.45
77½. ROUND EXPRESS. A new Danish variety. Considered to be the best early round-headed cabbage grown.	.05	.15	.55	1.90
78. SURE HEAD. All head and sure to head.	.05	.15	.40	1.50
79. OLDS' BRIDGEPORT DRUMHEAD. A select strain.	.05	.15	.40	1.55
80. ALL SEASONS. Good for both early and late.	.05	.15	.40	1.40
81. EARLY SUMMER. A great favorite with market gardeners.	.05	.15	.40	1.45
81½. EARLY FLAT DUTCH. An extra fine second early.	.05	.15	.45	1.60
82. ★PREMIUM LATE FLAT DUTCH. An old favorite variety.	.05	.15	.40	1.35
83. PERFECTION DRUMHEAD SAVOY. The best of all the Savoys.	.05	.15	.40	1.50
84. FOTTLER'S IMPROVED BRUNSWICK. Good both for intermediate and winter use.	.05	.15	.40	1.45
84½. COPENHAGEN MARKET. Earliest round-head variety. Page 41.	.10	.30	1.00	3.75
85. ★OLDS' SELECT DANISH BALL HEAD. The best keeper for winter.	.05	.15	.50	1.75
85½. THE HOLLANDER. Fine for late spring and for shipping.	.05	.15	.50	1.85
86. DANISH SUMMER BALL HEAD. An excellent second early.	.05	.15	.45	1.65
86½. DANISH DARK RED BALL HEAD. Valuable for kraut.	.05	.15	.45	1.60
87. OLDS' DANISH SUREHEADER. Sure to head.	.05	.15	.55	2.00
87½. OLDS' LONG STEM BALL HEAD. The best Danish-grown seed.	.05	.15	.55	2.15
88. FILDERKRAUT. Pointed heads; much used for kraut.	.05	.15	.45	1.60
88½. GLORY OF ENKHUIZEN. A new variety. See page 41.	.05	.15	.50	1.80
89. MAMMOTH ROCK RED. Hard heading; fine for pickling.	.05	.15	.40	1.50
89½. RED DUTCH. A red cabbage for pickling.	.05	.15	.40	1.55

CAULIFLOWER

Our cauliflower seed is grown in Denmark and is the best that can be procured. Each packet contains enough seed to produce 250 plants; from 3 to 4 ounces of seed will furnish plants enough for one acre. Those marked with a star are the varieties we specially recommend. Order by number.

**95. OLDS' EARLIEST OF ALL.**

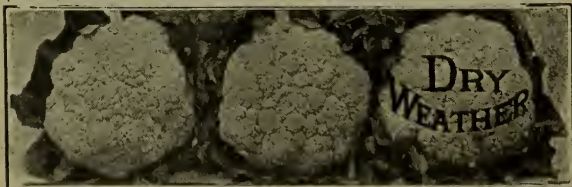
The earliest and quickest growing cauliflower we know of. The plants are of strong growth and produce erect, fine, solid heads—see illustration. It is the best variety for forcing, also desirable for frames and the open ground, where an early market is desired. Pkt., 10c; 2 pkts., 15c; ¼ oz., 20c; ½ oz., 35c; oz., 60c; ¼ lb., \$2.25, postpaid.

94. AUTUMN GIANT. One of the finest late varieties. Heads large, compact and thoroughly protected by the leaves. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 80c.



90. ★IMPROVED EARLY SNOWBALL. We know of no better type of this variety—very early, smooth, rounded heads (see illustration), fine grained, compact and even in size. The Snowball is now the standard variety the country over. Good for either home use or market. Pkt., 10c; 2 pkts., 15c; ¼ oz., 30c; ½ oz., 50c; oz., 90c; ¼ lb., \$3.50, postpaid.

91. EARLY FAVORITE. This is a fine strain of cauliflower. If you want a good variety at a low price, you will make no mistake in ordering the "Favorite." Pkt., 5c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.



93. ★DRY WEATHER. The best Cauliflower for every kind of soil. It produces large, solid, pure white heads (see illustration). It matures about a week later than our Improved Early Snowball, and is especially adapted for growing in dry location. Pkt., 10c; 2 pkts., 15c; ¼ oz., 30c; ½ oz., 55c; oz., \$1.00; ¼ lb., \$3.75, postpaid.

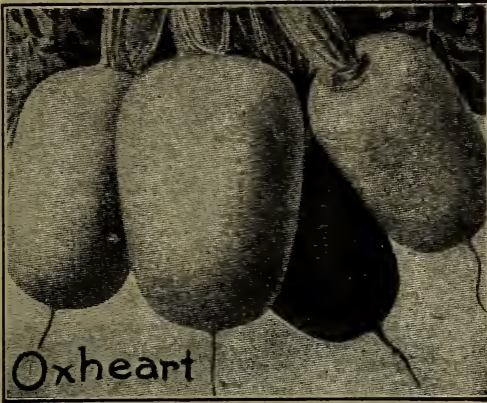
92. LARGE EARLY ERFURT.

Best for second early, about two weeks later than Early Snowball. Pkt., 10c; 2 pkts., 15c; ¼ oz., 25c; ½ oz., 45c; oz., 80c; ¼ lb., \$3.00, postpaid.

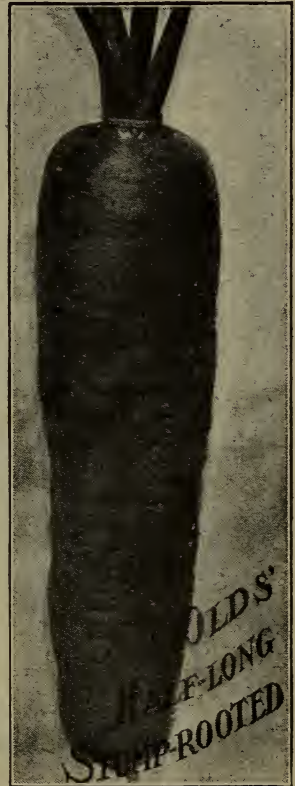
☞ We can also furnish cabbage and cauliflower plants, in season—see page 77.

CARROT

Our carrot seed is grown from carefully selected roots. Each packet contains $\frac{1}{4}$ oz. of seed, sufficient for a row 25 feet long. Three pounds will sow an acre in drills 2 feet apart. Two lbs. or more at 5-lb rates. Vitality of good seed, 80%. Order by number.



108. OLDS' HALF-LONG STUMP ROOTED. For smoothness, even shape, absence of rootlets, small tap root, etc., this carrot is unsurpassed. It is early and one of the best for summer use and the home garden. It is a good keeper and never becomes stringy. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 85c, postpaid.



101. ★EARLY SHORT TOP. One of the best for family use. It is an attractive stump-rooted variety and one suited for the home garden. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 85c, postpaid.

100. ★DANVERS HALF LONG. Stump-rooted, of excellent color and very productive. Easily harvested and a favorite, both for table use and for stock. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c.

103. ★OXHEART. The best all-round carrot. Very thick, 5 inches long; and nearly as broad, and very blunt at the lower extremities—see illustration above. Equally good for table use or stock. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c, postpaid.

102. OLDS' IMPROVED LONG ORANGE. A standard late variety; deep orange color; much improved by selection; of the best formed and deepest colored roots. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 70c, postpaid.

104. ★EARLY CHANTENAY. Very early, and most profitable of all early carrots. Grows five or six inches long. Used extensively by market gardeners and primarily a table carrot but also profitable for stock. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c, postpaid.

112. THE MASTODON. The heaviest cropper, yielding more tons to the acre than any other carrot. The flesh is white, solid, crisp and very sweet. Easily harvested and well liked by stock. Oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c, postpaid. Not prepaid: 5 lbs., \$2.25.

101½. HALF-LONG RUBICON. A distinct variety. The best in shape and color. Earlier than Danvers and a heavy cropper. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00, postpaid.



CARROT. Full List.

If by express or freight, deduct 10 cts. per lb.


By mail postpaid.

	pkt.	oz.	$\frac{1}{4}$ lb.	lb.
100. ★DANVERS HALF LONG. A general favorite.....	\$0.05	\$0.10	\$0.20	\$0.65
101. ★EARLY SHORT TOP. One of the best carrots for home use...	.05	.10	.25	.85
101½. HALF-LONG RUBICON. An ideal market gardeners' variety..	.05	.10	.30	1.00
102. OLDS' IMPROVED LONG ORANGE. The standard late variety,	.05	.10	.25	.70
103. ★OXHEART. The best all-round carrot.....	.05	.10	.25	.75
104. ★EARLY CHANTENAY. One of the best early carrots.....	.05	.10	.25	.75
105. EARLIEST FRENCH FORCING. Used expressly for forcing...	.05	.10	.25	.90
106. EARLY SCARLET SHORT-HORN. A popular early variety....	.05	.10	.25	.85
107. INTERMEDIATE OR ST. VALERY. A fine late variety.....	.05	.10	.25	.70
108. OLDS' HALF-LONG STUMP-ROOTED. One of the best carrots we know of—see illustration and description above.....	.05	.10	.25	.85
110. LARGE WHITE BELGIAN. A stock carrot; very productive.....	.....	.10	.20	.60
111. LONG ORANGE BELGIAN. For stock; orange colored roots.....	.....	.10	.20	.65
112. THE MASTODON. The heaviest cropper. Illustrated above...	.....	.10	.20	.60

CULTURAL DIRECTIONS FREE.


For several years we printed cultural directions on the backs of packet and ounce bags. We now have them printed in the form of a booklet—a copy of which is sent with every order for Garden or Flower seeds.

CELERY

 We can furnish celery plants, in season—see page 77.

Celery seed is slow to germinate. Vitality of good seed, 65%. Cover light and keep moist. Our packets each contain enough seed to produce 1,000 plants; 2 oz. of seed sufficient for one acre. Those marked with a star are the varieties we specially recommend. Order by number.



 115. **WHITE PLUME.** Olds' Select. The earliest celery known. A great favorite. Its stalks are naturally white, so that the work of blanching is accomplished by simply drawing them together. Not a good keeper, but an excellent sort for fall and early winter use. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 45c.

121. **★WINTER QUEEN.** A most desirable winter variety. It will keep late into spring; is beautiful in appearance, of close habit and compact growth; ribs perfectly solid and crisp. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 40c, postpaid.

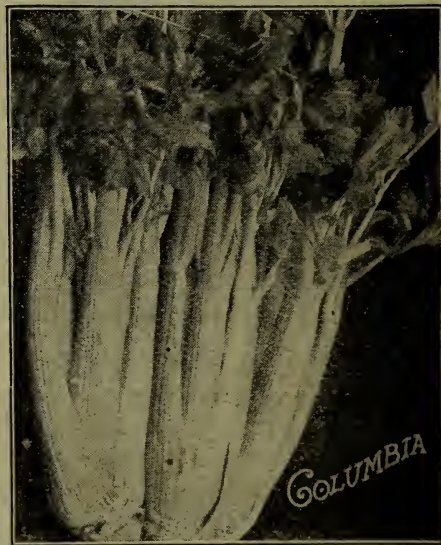
123½. **COLUMBIA.** An early variety of fine shape and quality. The plant is of medium height and very stocky—see illustration. The stalks are thick and almost round. The color is a rich yellow tint. It is certainly a fine celery and many of those who have given it a trial prefer it to any other. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 75c, postpaid.



119. **OLDS' NEW ROSE.** The best red celery; of excellent flavor, solid, crisp and stringless. The new rose is a splendid late variety and an excellent keeper. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 50c.

120½. **MAGNIFICENT.** A fine late celery; noted for its keeping qualities. The stalks are long and thick—see illustration; very brittle, solid, crisp and when blanched, of a golden yellow color; excellent for winter use. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 50c, postpaid.

117. **★GOLDEN SELF-BLANCHING.** The leading early variety. Stalks are broader and heavier than those of White Plume, and superior in quality, while it is only a little later. Our seed is a selected strain. Pkt., 15c; 2 pkts., 25c; ½ oz., 50c; oz., 90c; ¼ lb., \$3.50, postpaid.



CELERY. Full List.

One pound of any variety at 3½ times the price of ¼ lb.

By mail, postpaid.

	pkt.	½ oz.	oz.	¼ lb.
115. WHITE PLUME. Olds' Select. The earliest celery known.....	\$0.05	\$0.10	\$0.15	\$0.45
116. PINK PLUME. A strong, healthy, compact grower; solid and crisp.....	.05	.10	.15	.50
117. ★GOLDEN SELF-BLANCHING. The leading early variety.....	.15	.50	.90	3.50
118. GIANT PASCAL. Best for fall and winter use. Stalks are very large.....	.05	.10	.15	.45
119. OLDS' NEW ROSE. The best red celery; very solid.....	.05	.10	.15	.50
120. DWARF GOLDEN HEART. A standard variety, grown for market.....	.05	.10	.15	.45
120½. MAGNIFICENT. A late variety; noted for its keeping qualities.....	.05	.10	.15	.50
121. ★WINTER QUEEN. A most desirable variety for winter use.....	.05	.10	.15	.40
122. ★SNOW WHITE. A free blancher and not subject to rust.....	.05	.15	.20	.60
123. SILVER SELF-BLANCHING. A white self-blanching celery, combining the grand qualities of Golden Self-Blanching and White Plume....	.05	.15	.20	.65
123½. COLUMBIA. Described and illustrated above.....	.05	.15	.25	.75
124. CELERY FOR SEASONING. Good, clean seed.....	.05	.08	.20	

CELERIAC.

125. **NEW GIANT PRAGUE.** The largest and best sort grown. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.45, postpaid.

CHICORY.

130. **LARGE ROOTED.** Fine for salads, with oil and vinegar. The roots make a good substitute for coffee. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c, postpaid.

COLLARDS.

132. **GEORGIA.** A southern cabbage. Large, loose heads. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid.

CORN SALAD.

133. **LARGE SEEDED.** A fine salad and a good substitute for lettuce. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c, postpaid.

CRESS.

134. **EXTRA CURLED.** (Pepper Grass.) The best variety. Every one should sow a little for early spring use. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 45c, postpaid.

Do not fail to order our "Wisconsin Standards"—see page 34.

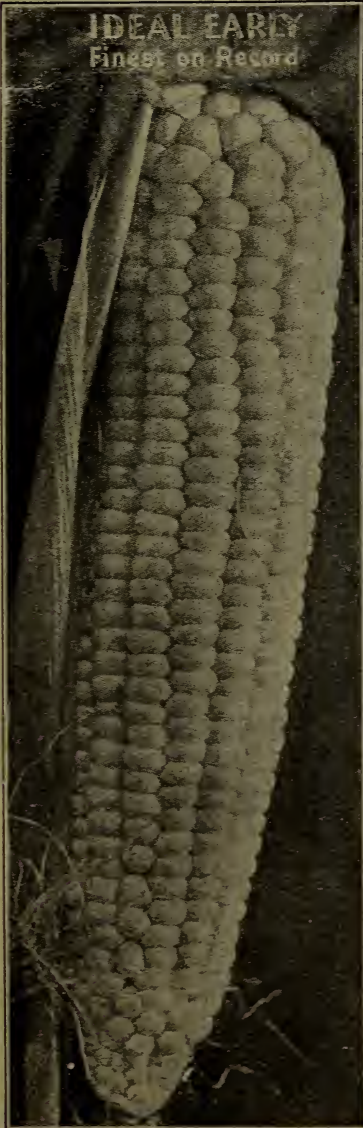
SWEET CORN

Our Sweet or Sugar Corn is properly cured and first class in every respect. Plant at intervals of two weeks until July. Our packets each contain 1½ ounces, sufficient to plant 20 to 25 hills. One peck will plant an acre in hills. Vitality of good seed, 95%. Order by number.

Sweet corn is sold by measure. For prices by express or freight—see page 47.

141½. GOLDEN CREAM. A distinct extra early variety. A cross between Golden Bantam and Country Gentleman. The ear is similar in appearance to Country Gentleman—see illustration, but the color is a rich cream, cooking to a light golden yellow. The flavor is rich, nut-like and delicious. The stalks make a rapid growth, producing from 2 to 4 ears each. This new variety possesses genuine merit and we recommend that all lovers of good corn give it a trial. Pkt., 5c; pt., 20c; qt., 35c, postpaid.

137. OLDS' IDEAL EARLY. A True Sweet Corn. C. S. Clark, of Wakeman, Ohio, writes: "Your Olds' Early is now 10 days earlier than when we first got it. It is a grand, early, white, pure sweet corn." We offered this corn first in 1907 by sample packet only; since then we have been carefully selecting our stock seed and all the time improving it, until now we think we have the finest variety of sweet corn known to the seed trade today. It withstands drought remarkably well and adapts itself to any kind of soil.



The stalks average six feet in height, producing two and often three good ears to a stalk. The ears are almost as large as those of Stowell's Evergreen (see illustration), of excellent flavor, which combined with its earliness makes it a most desirable corn. It is something wonderful for so early a variety. It has large grains and very showy. It is a true sweet corn, it sells on any market and is just the corn market gardeners are looking for. Pkt., 5c; pt., 15c; qt., 25c, postpaid.

135. PEEP O' DAY. A Good Extra Early. Described as the "earliest on earth." Originated in Minnesota; ears 5 inches long, perfectly formed, and well filled—see illustration. The corn is very tender and sweet. We believe Peep O' Day is the earliest variety of sweet corn yet introduced. Pkt., 5c; pt., 15c; qt., 25c, postpaid.

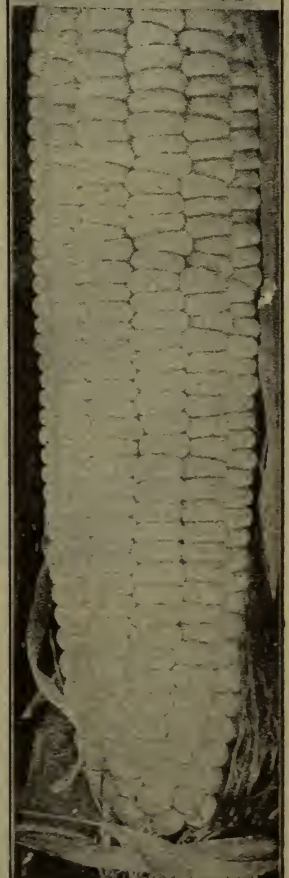
141. PREMO. Claimed to be the best early sweet corn in cultivation. First introduced in 1900. The Premo is a genuine sweet corn, and not only combines all the good qualities of most of the leading early varieties, but is really superior to many of them in size, quality and appearance. Pkt., 5c; pt., 15c; qt., 25c, postpaid.

142. GOLDEN BANTAM (BURPEE'S). Claimed to be the earliest sweet corn, but with us, planted at the same time as Peep O' Day, Cory and other early varieties, it matured 10 days after Peep O' Day. The Bantam originated in Massachusetts; is a deep yellow in color and very sweet. We have the genuine. Pkt., 5c; pt., 15c; qt., 25c, postpaid.

145. ★OLDS' EARLY EVERGREEN. Like Stowell's Evergreen, only ten days earlier. Large ears, about 8 inches long and identical in flavor with the famous Stowell's Evergreen. This variety is indispensable to the market gardener and equally desirable for the home garden. Pkt., 5c; pt., 15c; qt., 25c, postpaid.



PEEP O' DAY
Earliest on record.

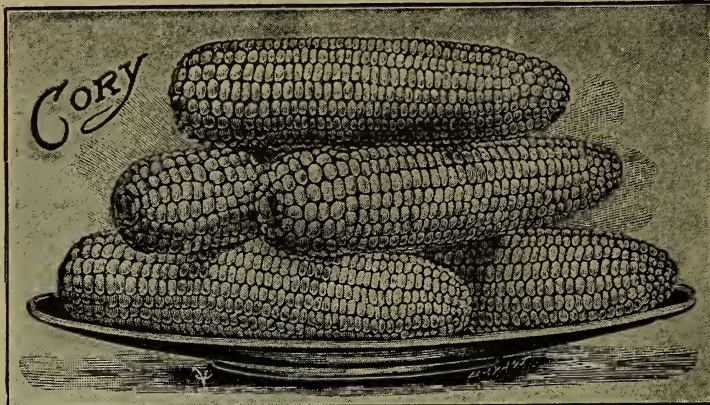


If \$5.00 worth of Garden Seeds are wanted, get our Market Gardeners' list before ordering.

THE BEST SWEET CORN FOR SUCCESSION.

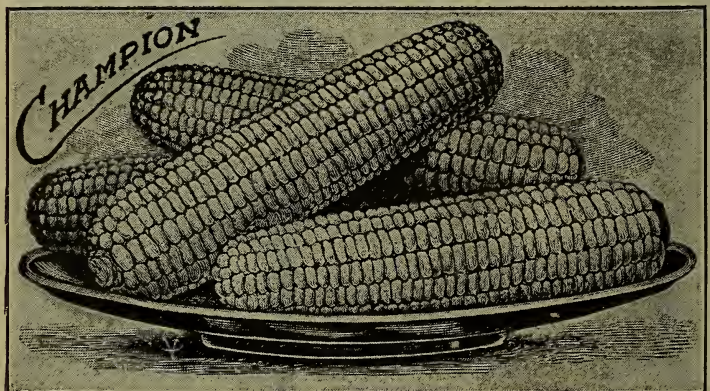
For a succession of sweet corn throughout the entire season plant at the same time: **MAMMOTH WHITE CORY** (136), **EARLY CHAMPION** (139) and **STOWELL'S EVERGREEN** (147).

One pkt. each, 10c; one pt. each, 35c; one qt. each, 65c, postpaid.

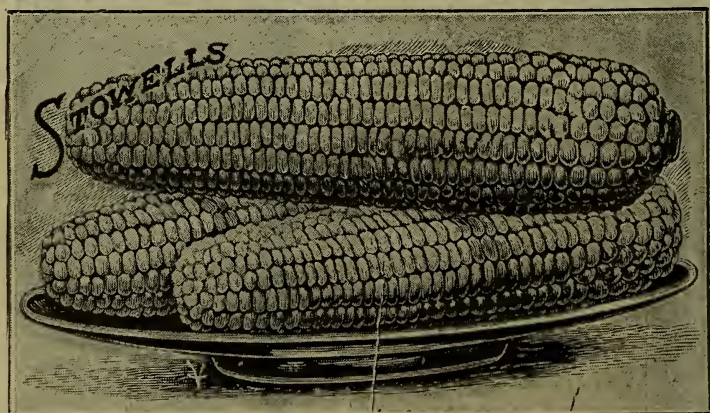


136. MAMMOTH WHITE CORY. A fair size eared early variety; with the exception of Peep O' Day and Golden Bantam, this is the earliest variety on our list. Mammoth White Cory is no later than the old Cory, so famous as the standard extra early, but is 12-rowed instead of 8-rowed, which makes it a much more valuable variety. The grain is large, broad, pure white, and of excellent quality for an extra early. Pkt., 5c; pt., 15c; qt., 25c, postpaid.

STANDARD VARIETIES ARE ALWAYS RELIABLE. See page 34 for a list of our "Wisconsin Standards."



139. ★EARLY CHAMPION. The largest early Sweet Corn. Produces ears twelve inches long. A few days later than the smaller early sorts, and ears nearly as large as the largest late sorts. About five days later than Early Minnesota, with about the largest and most vigorous growth of all varieties tested. Pure white, with white cob; very sweet and tender. If you want but one variety for both early and late, plant Early Champion at intervals of two weeks. Pkt., 5c; pt., 15c; qt., 25c, postpaid.



147. STOWELL'S EVERGREEN. The Best Late Sweet Corn for any purpose. Well known and very popular everywhere. It is a large eared variety, very hardy, productive, sweet and tender, and remains a long time in suitable condition for cooking. Our seed is carefully selected for large ear and deep kernel. Pkt., 5c; pt., 15c; qt., 25c, postpaid.

OUR AIM is to furnish such good seeds that we shall be well advertised in your neighborhood. To secure this result send us an order. We will do the rest.

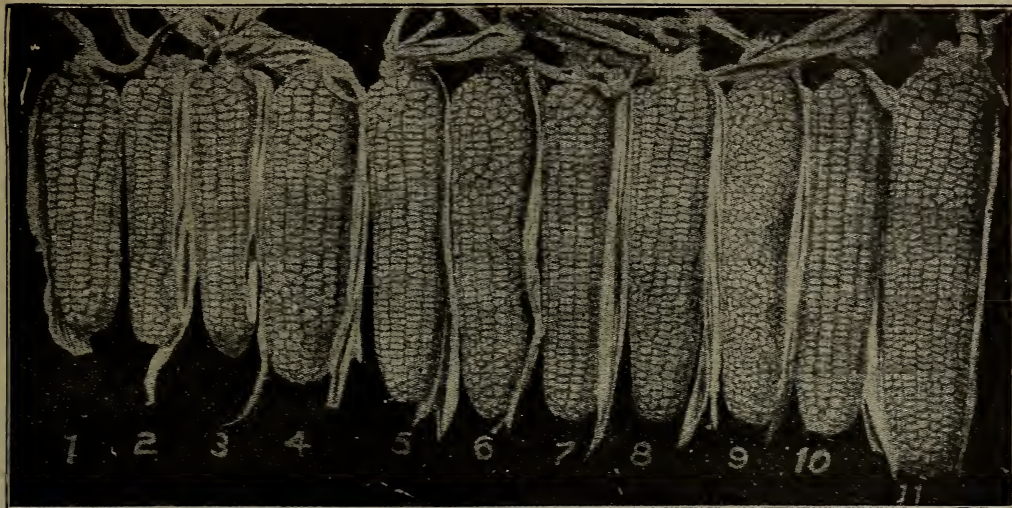


144. ★WHITE MEXICAN. The best early market variety. The White Mexican possesses all the good qualities of the old Black Mexican—just as sweet, with just as fine a flavor—without the objectionable color. It matures early, furnishing edible ears (see illustration) from four to six days later than Cory. We claim the White Mexican and Olds' Ideal will lead all the early sorts on account of size of ear, sweetness and fine flavor. Pkt., 5c; pt., 15c; qt., 25c, postpaid.

149. LATE MAMMOTH. The largest-eared variety. It is of excellent quality, sweet, tender and delicious, and its only fault (if this can be considered a fault) is the immense size of the ears. Pkt., 5c; pt., 15c; qt., 25c, postpaid.

THIS CATALOGUE is mailed without request to old customers. Please notify us of any change of postoffice address.

See next page for bulk prices--by express or freight, not prepaid.

**SWEET CORN. Full List.**

Pints, half-pecks and half-bushels at qt., pk. and bu. rates.

	By mail, postpaid.			By exp. or frt., not prepaid.		
	pk.	pt.	qt.	qt.	pk.	bu.
135. PEEP O' DAY. Earliest of all. Fig. 2.....	.05	\$0.15	\$0.25	\$0.15	\$1.00	\$3.65
136. MAMMOTH WHITE CORY. Earliest variety, excepting Peep O' Day and Golden Bantam. Fig. 4.....	.05	.15	.25	.15	.85	3.25
137. ★OLDS' IDEAL EARLY. The best early sweet corn. Fig. 5, also page 45.....	.05	.15	.25	.15	.90	3.45
138. EARLY MINNESOTA. A standard early variety. Fig. 7	.05	.15	.25	.15	.80	2.95
139. ★EARLY CHAMPION. The largest eared early sweet corn. Fig. 10.....	.05	.15	.25	.15	.80	3.15
139½. COUNTRY GENTLEMAN. The sweetest corn grown. Fig. 9	.05	.15	.25	.15	.90	3.50
140. KENDAL'S EARLY GIANT. Large handsome ears....	.05	.15	.25	.15	.85	3.25
140½. BLACK MEXICAN. Medium early; sweet and tender...	.05	.15	.25	.15	.80	3.15
141. PREMO. Claimed to be the best early sweet corn. Fig. 3	.05	.15	.25	.15	.85	3.25
141½. GOLDEN CREAM. A distinct variety. See page 45...	.05	.20	.35	.20	1.30	5.00
142. GOLDEN BANTAM. Burpee's. Fig. 1.....	.05	.15	.25	.15	1.00	3.75
143. CROSBY'S EARLY. A favorite with canners.....	.05	.15	.25	.15	.70	2.75
143½. HICKOX IMPROVED. A popular canning variety....	.05	.15	.25	.15	.80	3.00
144. ★WHITE MEXICAN. The best early market variety....	.05	.15	.25	.15	.85	3.25
144½. COSMOPOLITAN. A grand second-early variety. Fig. 6	.05	.15	.25	.15	.90	3.45
145. ★OLDS' EARLY EVERGREEN. Fig. 8, and page 45...	.05	.15	.25	.15	.80	2.85
146. WHITE EVERGREEN. A new variety. Pure white....	.05	.15	.25	.15	.80	2.95
147. STOWELL'S EVERGREEN. The best late sweet corn	.05	.15	.25	.15	.70	2.75
148. ZIG-ZAG EVERGREEN. Large kernels, very sweet....	.05	.15	.25	.15	.80	3.10
149. LATE MAMMOTH. The largest eared variety. Fig. 11	.05	.15	.25	.15	.80	3.00

POP CORN AND PEANUTS.

Any boy or girl sending us an order amounting to 25 cents or more, can have a packet of Red Beauty Pop Corn FREE.

Any boy or girl sending us an order amounting to 50 cents or more can have a packet of Mammoth Peanuts and a packet of Pop Corn FREE. Be sure and ask for them when you order.

POP CORN.

150. OLDS' IMPROVED WHITE RICE. Every grower of pop corn is acquainted with White Rice. It is the most popular variety, and always commands the highest price. Pkt., 5c; pt., 20c; qt., 35c, postpaid. By express or freight, not prepaid: Pt., 15c; qt., 20c; 10 lbs. or more, 7c per lb.

151. QUEEN'S GOLDEN. Largest and most productive variety. Kernels are smooth, handsome, and of a golden yellow color. Pkt., 5c; pt., 20c; qt., 35c, postpaid. Not prepaid: Pt., 15c; qt., 20c; 10 lbs. or more at 7c per lb.

152. RED BEAUTY. A new red rice pop corn; medium-sized ears, with very small cob. It is early; ready for popping in four months from planting, and when popped expands into a large, tender, flake-like puff. Pkt., 5c; pt., 20c; qt., 35c, postpaid. By express or freight, not prepaid: Pt., 15c; qt., 20c.

153. MAPLEDALE PROLIFIC. A very prolific variety. The ears are large, handsome and well filled. It is unsurpassed for popping and has a most delicious flavor. Pkt., 5c; pt., 20c; qt., 35c, postpaid. Not prepaid: Pt., 15c; qt., 20c; 10 lbs. or more, 7c per lb.

PEANUTS.

315. MAMMOTH VIRGINIA. The largest, sweetest and heaviest yielding variety. (See illustration.) Every boy and girl can grow their own peanuts here in the north. Erect stems and upright foliage; more easily cultivated and much more profitable than the common spreading sort. Large pkt., 5c; pt., 15c; qt., 25c, postpaid. By express or freight, not prepaid: Qt., 15c; ½ pk., 45c; pk., 85c.



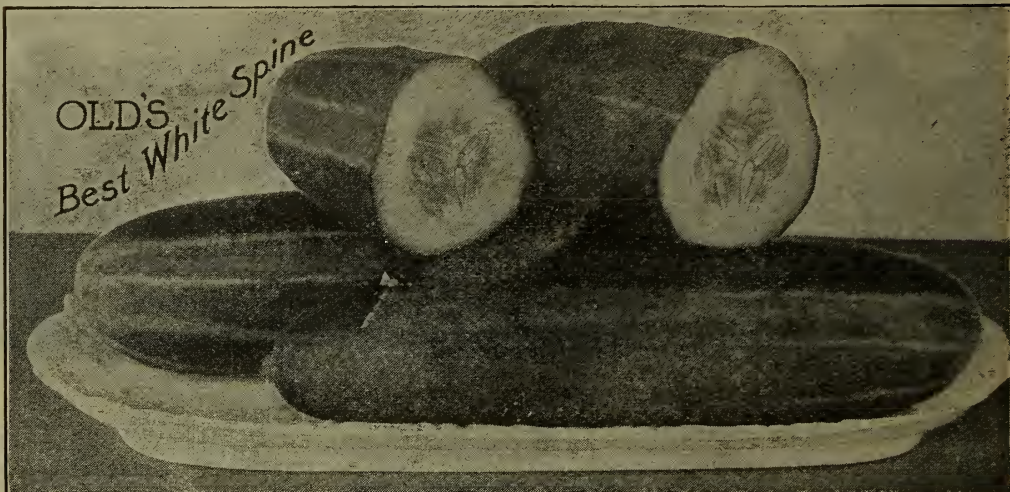
Those marked with a star are the varieties we specially recommend. See page 45, for No. 137.

154. BLUE BEAUTY. A new early pop corn with very large kernels, which when popped expand into large tender flakes; sweet and delicious. Pkt., 5c; pt., 20c; qt., 35c, postpaid. Not prepaid: Pt., 15c; qt., 20c; 10 lbs. or more, 7c per lb.

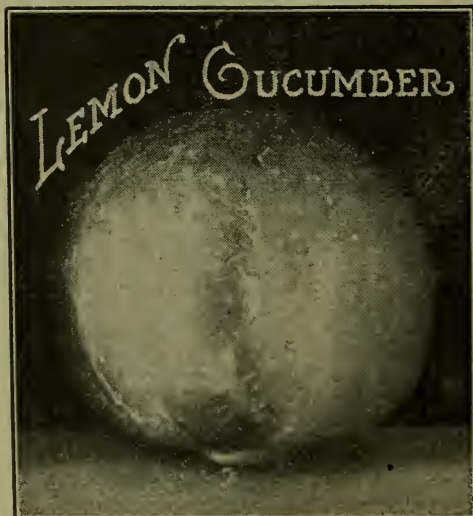
Order by Number. The number at the left of each variety, if used, will help in filling orders.

CUCUMBER

Our cucumber seed is grown from thoroughbred stocks carefully selected. Our packets each contain $\frac{1}{4}$ oz. of seed; sufficient to plant from 15 to 20 hills: 2 lbs. will plant one acre in hills. Those marked with a star are the varieties we specially recommend. Vitality of good seed, 90%.



Use Bug Death on cucumber and other vine crops—sure death to striped bugs. Page 85.



164. OLDS' SELECT WHITE SPINE. This is our best White Spine Cucumber. It is an extra select strain. Almost cylindrical in shape; slightly pointed at the ends—see illustration—very productive, fruits dark green in color and very uniform in shape. Most excellent for slicing and the best variety for both home garden and market. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c, postpaid.

159. PERFECTED JERSEY PICKLE. A very strong grower, producing an abundance of slender fruits which make excellent pickles. The skin is quite thin, flesh pure white, solid, crisp and tender. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c, postpaid.

157½. SNOW'S PICKLING. An early maturing variety. It is small, dark green and very popular with many growers—see illustration. It resists blight and makes an ideal bottle pickle. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 90c, postpaid.

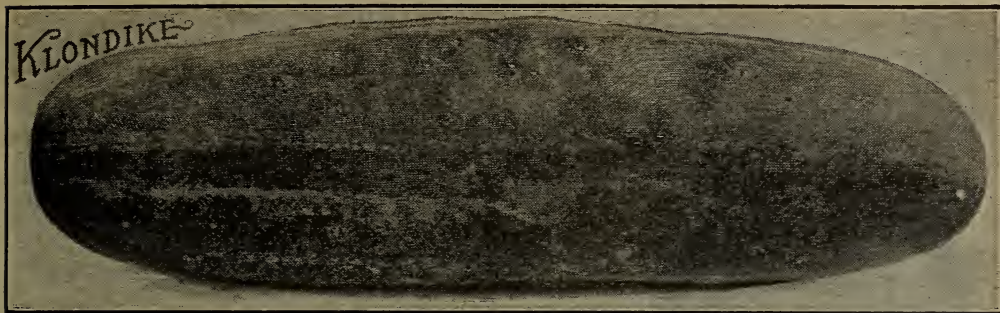
158. OLDS' IMPROVED CHICAGO PICKLING. Used almost exclusively by the factories about Chicago. It is of medium length, pointed at both ends; color deep green; begins to set its fruit when the vines are quite young. Also valuable for slicing, fine flavor; never overgrown and seedy. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 55c, postpaid.

172½. LEMON CUCUMBER. The Garden Lemon. The Lemon Cucumber resembles a lemon in shape, color and size, but grows on a vine like a cucumber. It has a thin skin, is crisp, tender, sweet and fine flavored—see illustration. We are safe in predicting the Lemon Cucumber will become a great favorite for slicing, or pickles. The best time for pickling is just as it turns yellow. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 95c, postpaid.

162. COOL AND CRISP. An early variety; very prolific. It has a dark green skin and is covered with knobs upon which the spines set; this gives it a fine appearance for pickling. It is also a fine table variety; tender and crisp. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 70c, postpaid.

168. ★EARLY CYCLONE. The earliest cucumber in cultivation. It is short, thick and deep green in color. Valuable both for slicing and pickling. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c, postpaid.

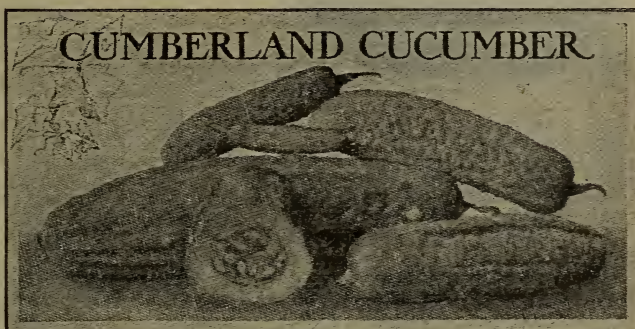
See next page for full and complete list of cucumbers.



162½. **KLONDIKE.** A new variety, dark green in color and most excellent for slicing. The vines are vigorous and productive. The fruits when mature are about eight inches long, uniform in shape and blunt at the ends—see illustration. The Klondike is an early variety, hardy and prolific, attractive in appearance and retaining the rich dark green color and crispness for a long time. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c, postpaid.

163. **★CUMBERLAND.** The best pickling cucumber known; very prolific, with few seeds, and fine for both slicing and pickling. The Cumberland is a rapid, strong grower, producing fruit very straight and symmetrical in form (see illustration). The flesh is firm, crisp and tender at all stages. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid.

160. **EXTRA EARLY WHITE SPINE.** An extra early white spine; popular and a favorite with everyone. Unsurpassed for table use; also used for pickling; very productive. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 55c, postpaid.



169. **★DAVIS PERFECT.** Unequaled for color, shape and productiveness (see illustration). Mr. Eugene Davis, the originator, also the originator of Grand Rapids Lettuce and Davis White Wax Bean, says: "I have been experimenting for several years and have at last succeeded in fixing a perfect type, combining quality, shape, color and productiveness. The quality is fine, very tender and brittle and with very few seeds; altogether an exceptionally fine table variety." Our seed is from extra select stock. Pkt., 5c; oz. 10c; ¼ lb., 20c; lb., 65c, postpaid.



165. **OLDS' IMPROVED LONG GREEN.** One of the best for pickles and salad. The young fruit makes excellent pickles, and when ripe is the best for sweet pickles. Vines vigorous and productive. Fruits long, firm and crisp. This variety is a very popular one, and the seed we offer is an improved strain. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid.



CUCUMBER. Full List.

If ordered by express or freight, deduct 10c per lb. Half-pounds at lb. rates.

By mail, postpaid.

	pkt.	oz.	¼ lb.	lb.
155. EARLY FRAME. An old and most popular variety; very productive	\$0.05	\$0.10	\$0.20	\$0.60
156. EARLY GREEN CLUSTER. Fine for small pickles.	.05	.10	.20	.65
157. FORDHOOK PICKLING. One of the best and very prolific.	.05	.10	.20	.65
157½. SNOW'S PICKLING. See page 48 for description and illustration.	.05	.10	.25	.90
158. OLDS' IMPROVED CHICAGO PICKLING. Page 48	.05	.10	.20	.55
159. PERFECTED JERSEY PICKLE. Excellent for pickles.	.05	.10	.20	.65
160. EXTRA EARLY WHITE SPINE. Useful for pickling, also table use.	.05	.10	.20	.55
161. ARLINGTON WHITE SPINE. A fine strain of White Spine.	.05	.10	.20	.60
162. COOL AND CRISP. Extra early, excellent for pickling or slicing.	.05	.10	.25	.70
162½. KLONDIKE. The best dark green variety for slicing. Page 49.	.05	.10	.20	.65
163. ★CUMBERLAND. The best pickling cucumber known.	.05	.10	.20	.60
164. ★OLDS' SELECT WHITE SPINE. Our best White Spine.	.05	.10	.20	.60
165. OLDS' IMPROVED LONG GREEN. One of the best for pickles.	.05	.10	.20	.60
166. THORBURN'S EVERBEARING. A continuous bearer.	.05	.10	.20	.65
167. LIVINGSTON'S EMERALD. Large, smooth, and deep green.	.05	.10	.20	.65
168. ★EARLY CYCLONE. King of the Earliest	.05	.10	.20	.65
169. ★DAVIS PERFECT. Unequaled for color, shape and productiveness	.05	.10	.20	.65
170. JAPANESE CLIMBING. Can be trained upon a trellis or poles.	.05	.10	.25	.95
171. WEST INDIA GHERKIN or BURE. Small prickly fruits.	.05	.10	.25	.80
172. GIANT PERA. Large, long, smooth; flesh clear, crisp and tender.	.05	.10	.25	.95
172½. LEMON. The Garden Lemon. Crisp and tender. Page 48.	.05	.10	.25	.85
173. PARISIAN PICKLING. A distinct variety.	.05	.10	.15	.50
174. OLDS' MIXED. Cucumbers the entire season.	.05	.10	.15	.50

By mail is the easiest way to order seeds—Ours the easiest catalogue to order from.



EGG PLANT.

Egg plant is easily cultivated, but should not be transplanted until the weather is assured. We can furnish plants in season—see page 77. Our packets each contain seed sufficient to produce from 100 to 150 plants. $\frac{1}{4}$ lb. will furnish plants enough to set one acre.

180. **NEW YORK IMPROVED.** Very large, smooth and spineless. Pkt., 5c; $\frac{1}{2}$ oz., 15c; oz., 20c; $\frac{1}{4}$ lb., 60c.

181. **★BLACK BEAUTY.** The best early market variety. Also the best for home use. It is fully ten days earlier than the New York Improved, very attractive in appearance and entirely spineless. The fruits set freely and develop quickly, so that the entire crop can be gathered before frost. Pkt., 5c; $\frac{1}{2}$ oz., 10c; oz., 15c; $\frac{1}{4}$ lb., 50c, postpaid.

182. **WHITE PEARL.** Fruit is large and pure white. Pkt., 5c; $\frac{1}{2}$ oz., 15c; oz., 20c; $\frac{1}{4}$ lb., 65c.

ENDIVE.

185. **GREEN CURLED.** A refreshing salad. Can be used all through the fall and winter. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c.

186. **WHITE CURLED.** Leaves finely cut and almost white; needs no blanching. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c.

USEFUL GOURDS.

190. **JAPANESE NEST-EGG.** These resemble hens' eggs in color, form and size; they make the very best nest eggs. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 70c, postpaid.

191. **SUGAR TROUGH.** Useful for many household purposes. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c, postpaid.

192. **THE DIPPER.** Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c, postpaid.

193. **HERCULES CLUB.** Ornamental as well as useful. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c, postpaid.

194. **ORANGE.** The size and shape of an orange. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c, postpaid.

195. **PEAR-SHAPED.** Striped yellow and green. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c, postpaid.

196. **APPLE-SHAPED.** Beautifully striped. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c, postpaid.

199. **MIXED.** All the above and other varieties mixed. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c.

KALE OR BORECOLE.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c, postpaid.

200. **DWARF GERMAN.** Very hardy, with dark green leaves; much improved by frost.

201. **DWARF CURLED SCOTCH.** Dwarf beautifully curled, bright green and very hardy.

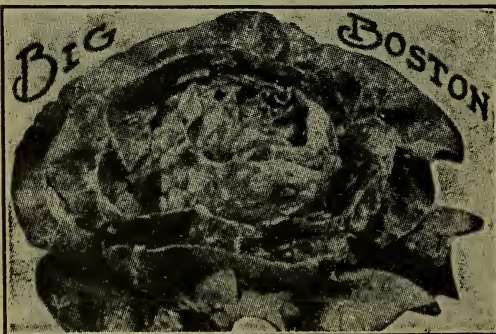
KOHL RABI. TURNIP CABBAGE.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 70c.

205. **EARLY WHITE VIENNA.** Probably the best variety. Early and tender.

206. **PURPLE VIENNA.** A popular variety for table use.

LETTUCE



Our lettuce seed is grown by the most careful seed growers in California. Our packets each contain $\frac{1}{4}$ oz. of seed, sufficient for from 25 to 30 feet of drill; 3 lbs. will seed one acre. Vitality of good seed 95%. Order by number.

222. **BIG BOSTON.** The best large-heading variety; suitable for forcing. It produces fine, large, yellow heads—see illustration. The leaves are white, crisp, tender and sweet. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c, postpaid.

219. **BLACK-SEEDED SIMPSON.** The most popular loose leaf variety; crisp and tender. It grows a fine green leaf, the inner leaves forming a loose head; very tender and crisp. The most desirable all-around lettuce. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c, postpaid.

226. **OLDS' GOLDEN QUEEN.** One of the best first early varieties. It is a head lettuce, but also makes a good forcing sort, producing medium-sized, golden-yellow heads, solid, crisp and tender. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 18c, postpaid.

223. **★UNRIVALED.** This new lettuce comes nearer combining all the qualities required by a market gardener than any other sort we know of. It is early, large (see illustration), attractive in color, and resists the summer heat. It can be sown almost the whole year round, and is crisp and tender. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c, postpaid.

227. **★MAY KING.** The best early-heading variety. The inner leaves are tightly folded, of good substance and a rich yellow color. It is hardy, early and a quick grower. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c, postpaid.

Good crops can be grown only from good seeds. Order \$1.00 worth of packets and ounces and remit 75 cents—see page 33.

For the best variety of LEEK—see page 54.





215. ★**OLDS' EARLIEST FORCING.** (Grand Rapids.) The best variety for forcing. It does not form heads, but makes a rapid, upright growth of loose leaves. Very crisp, tender and delicious. Useful for outdoor planting. Pkt., 5c; oz., 10c; ¼ lb., 15c, postpaid.

220. ★**EARLY PRIZE HEAD.** A splendid lettuce for home use—see illustration. It forms a large, tender, crisp, loose-leaf head of bright crimped leaves tinged with brownish red; remains good throughout the entire season. Pkt., 5c; oz., 10c; ¼ lb., 15c, postpaid.

LETTUCE. Full List.

			Mail, postpaid.		
One pound of any variety at 3½ times the price of ¼ lb.; ½ pounds at lb. rates			pkt.	oz.	¼ lb.
215. ★ OLDS' EARLIEST FORCING (Grand Rapids). The best forcing variety...			\$0.05	\$0.10	\$0.15
216. ICEBERG. Solid heads, with leaves always crisp and tender.....			.05	.10	.18
217. IMPROVED HANSON. Heads solid, crisp and tender.....			.05	.10	.15
218. IMMENSITY. A new variety; large and heat-resisting.....			.05	.10	.18
219. BLACK-SEEDED SIMPSON. A popular variety; crisp and tender.....			.05	.10	.15
220. ★ EARLY PRIZE HEAD. Splendid for family use.....			.05	.10	.15
221. EARLY CURLED SIMPSON. Fine for cutting, and for home use.....			.05	.10	.15
222. BIG BOSTON. The best large-headed variety for forcing.....			.05	.10	.15
223. ★ UNRIVALED. It is early, attractive and resists heat.....			.05	.10	.15
224. WONDERFUL. Large heads of fine quality; crisp, rich and tender.....			.05	.10	.15
225. CALIFORNIA CREAM BUTTER. Extra fine.....			.05	.10	.15
226. OLDS' GOLDEN QUEEN. One of the best first early varieties.....			.05	.10	.18
227. ★ MAY KING. The best early-heading variety.....			.05	.10	.15
228. ALL THE YEAR ROUND. One of the best varieties for market. See cut.			.05	.10	.18
229. OAK LEAVED. Light green, in shape like an oak leaf.....			.05	.10	.18
230. TILTON'S WHITE STAR. A distinct variety of Black-Seeded Simpson..			.05	.10	.18
231. PARIS WHITE COS. Produces long, pointed heads; compact leaves.....			.05	.10	.20
234. OLDS' LETTUCE MIXTURE. Salad throughout the whole season with one sowing. Lb., 35c.....				.05	.10

OLD LETTUCE SEED FOR BIRDS. Lb., 30c, postpaid. Not prepaid: 5 lbs. or more, 20c per lb.

MUSKMELON

Our Muskmelon Seed is the best that can be grown. Each packet contains ¼ oz. of seed, enough to plant from 15 to 20 hills; 2 to 3 lbs. will plant one acre in hills. Those marked with a star are the varieties we specially recommend. Vitality of good seed 90%. Order by number.

★ See our market gardeners' net price list, for prices on larger quantities—free on request.



245. **OLDS' EARLY MODEL.** The perfect Muskmelon. The Model averages about two pounds in weight; is perfect in shape. See illustration from a photograph of a specimen grown on our trial grounds. It is very productive and possesses all the good qualities of the Rocky Ford. The flesh is green, seed cavity small with few seeds. It bears transportation well and on account of its size and shape, will bring fancy prices in any market. The flesh is firm and flavor unexcelled. The vines grow fast and during dry weather do not lose their strength, but upon the coming of rain respond quickly. The Model is just the melon for market and the home garden. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 95c, postpaid. Not prepaid: 2 lbs. or more at 75c per lb.

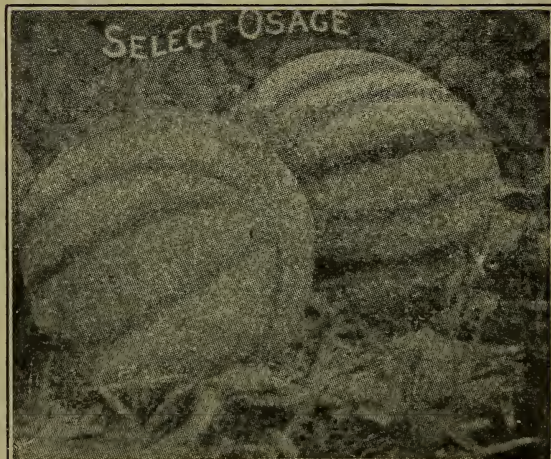
Be sure and take advantage of our liberal CASH DISCOUNTS. See page 33.



243½. FORDHOOK. A new melon, which equals the Emerald Gem in flavor. It is firm, nicely netted, with thick, solid salmon-colored flesh. Quite early, vigorous in growth and very prolific. The melons are even in size and good shippers. They make a very fine appearance and will command a good price in any market. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c, postpaid.



244. ★OLDS' ROCKY FORD or NETTED GEM. The melon that has made Rocky Ford famous. The Rocky Ford is probably in greater demand than any other one melon, and much seed of this variety is offered every year at a low price, by careless growers. Our seed is carefully grown from selected stock seed. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.



239. ★OLDS' SELECT OSAGE. The most popular melon among our customers—just right for the home garden. The shape is pointed oval, skin slightly netted (see illustration), with thick salmon-colored flesh, retaining its sweetness close to the rind. Our seed is from selected stock seed. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 55c, postpaid.

238. EMERALD GEM. One of the sweetest melons in cultivation; smooth skin, deep salmon-colored flesh; early and prolific. On account of its fine quality this is one of the best melons for the home garden. Pkt., 5c; oz., 10c, ¼ lb., 20c; lb., 60c, postpaid.

243. ★PAUL ROSE or PETOSKEY. Combines the sweetness of the Osage with the fine netting and shipping qualities and extreme earliness of the Gem, being a cross of the two varieties. The melons are very uniform in shape and size. The flesh is red or salmon-colored and exceedingly sweet and highly flavored. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c, postpaid.

MUSKMELON. Complete List.

If ordered by express or freight, deduct 10c per lb.; ½ lb. at pound rates.

By mail postpaid.

	pkt.	oz.	¼ lb.	lb.
235. CHICAGO MARKET. Early, of uniform size; green-fleshed.....	\$0.05	\$0.10	\$0.20	\$0.65
236. EXTRA EARLY HACKENSACK. Earlier and larger than the old Hackensack. One of the best market varieties.....	.05	.10	.20	.60
237. BURPEE'S NETTED GEM. Early; small, round and of fine flavor..	.05	.10	.25	.70
238. EMERALD GEM. One of the sweetest melons in cultivation.....	.05	.10	.20	.60
239. ★OLDS' SELECT OSAGE. The most popular melon with our customers	.05	.10	.20	.55
240. MONTREAL NUTMEG. A large, late variety, of superior quality..	.05	.10	.20	.60
241. CHAMPION MARKET. As early as Netted Gem; large and prolific..	.05	.10	.20	.65
242. BURRELL'S GEM. The golden-fleshed Rocky Ford.....	.05	.10	.20	.60
243. ★PAUL ROSE or PETOSKEY. Salmon-colored flesh, very sweet....	.05	.10	.20	.65
243½. FORDHOOK. A handsome, new melon; very prolific.....	.05	.10	.25	.75
244. ★OLDS' ROCKY FORD or NETTED GEM. The melon that has made Rocky Ford, Colo., famous	.05	.10	.20	.60
245. ★OLDS' EARLY MODEL. The perfect muskmelon; withstands drought.	.05	.10	.25	.95
246. MAMMOTH GIANT. The largest good muskmelon grown.....	.05	.10	.20	.60
247. HOODOO MUSKMELON. A good all-purpose melon.....	.05	.10	.20	.65
247½. OLDS' SUPERB. An early market melon, with green flesh.....	.05	.10	.25	.85
248. GREEN-FLESHED OSAGE. Very hardy and prolific.....	.05	.10	.20	.65
248½. BANANA. A delicious melon, shaped and flavored like a banana...	.05	.10	.25	.70
249. OLDS' MIXED. A selection of varieties grown separately and the seed mixed together. Will produce melons throughout the whole season..	.05	.10	.20	.55
250. MANGO MELON. Vegetable Orange or Vine Peach.....	.05	.10	.25	.70

WE TRY TO PLEASE. If we do not, tell us—if we do, tell your friends about us.

WATERMELON

Our Seed is saved from melons grown exclusively for seed, and by seed-growers of experience. Our packets each contain $\frac{1}{4}$ oz. of seed, sufficient to plant from 10 to 15 hills: 3 to 5 lbs. will plant one acre in hills. Those marked with a star are the varieties we specially recommend.

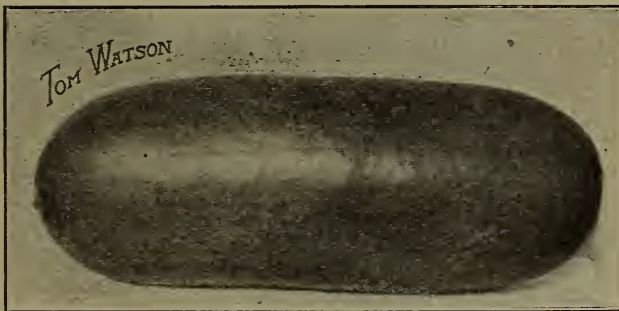
Two pounds or more at 5 pound rates. For larger quantities, see our market gardeners' net price list—free on request.



We state under the heading of each variety the quantity of seed each packet contains and how much ground it will plant, also how much seed it requires to plant an acre.

268 $\frac{1}{2}$. BRAZILIAN. The prize melon, absolutely new—give it a trial. Dorothy Cornell, of Mayer, Minn., under date of Oct. 21, 1913, writes: "Last spring I received a packet of your new Brazilian Watermelon. I have never had any luck raising watermelons before, but this year had some very nice, sweet, juicy melons and any one buying some of your Brazilian Watermelon seed will be more than satisfied I am sure." Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c, postpaid.

271 $\frac{1}{2}$. TOM WATSON. The New Watermelon. Although the Watson is comparatively a new melon it is a success. It is a large, oblong melon (see illustration), quite distinct from other varieties. The flesh is deep red, crisp, melting and of the finest flavor. It is a most excellent shipper and this feature added to its fine quality and handsome appearance makes it in every way very valuable. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c, postpaid.



CULTURAL DIRECTIONS in the shape of a vest pocket booklet free.

265. OLDS' 1908 MELON. (Chilian). This melon is now acclimated and is the melon for profit to the grower and to the dealer, as well as being most delicious to the consumer. Martin Eisle, of Gramont, Ill., says: "I got about 50 melons from the small packet of seed you sent me and some of them measured 12 inches through. They are as fine a melon as I ever ate; very sweet and have a fine flavor." It is very attractive, quite large, nearly round with a dark green rind; the flesh is light red, solid, sweet and melting. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c, postpaid.

273. HALBERT HONEY. A fine melon for the home garden. It is large, attractive, oblong in shape; rind dark green; flesh crimson; very sweet and tender. The vines grow quickly, and melons ripen even in the northern states. It is not a good shipper, but it is, probably, the sweetest melon yet introduced. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c, postpaid.

262. ★COLE'S EARLY. A fine, extra early melon, of medium size, almost round in shape, mottled with various shades of green; very sweet, tender and delicious. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 45c, postpaid. Not prepaid: 2 lbs. or more at 30c per lb.

270. ★KLECKLEY SWEETS. One of the finest melons for home use; handsome in appearance; flesh bright scarlet, crisp and tender. With us these melons ripen early. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 45c, postpaid. Not prepaid: 2 lbs. or more at 30c per lb.

274. HUNGARIAN HONEY. A superb melon and one of the sweetest in cultivation. It is of medium size and very hardy. The color is dark green; flesh bright red, sweet as honey and of the finest flavor. Altogether this is one of the most satisfactory melons grown and should be in every home garden. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 55c, postpaid.

See next page for full and complete list of watermelons.



270½. KLONDIKE. The sweetest melon grown. A new introduction of great merit—see illustration. This melon is offered with the assurance that it is not only very prolific and extremely early but as sweet and melting as any variety grown. The seeds are only one-half as large as in other melons; rind thin and on this account it is not a good shipper, but is just the melon for home use and local sale—try it. It remains good a long time after picking and will ripen in the North. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid.

WATERMELON. Full List.

If ordered by express or freight, deduct 10c per lb.; ½ lb. at pound rates.

	By mail postpaid.			
	pkt.	oz.	¼ lb.	lb.
260. WONDERFUL SUGAR. (McIver's.) A leading melon of the day; handsome in appearance; very productive, sweet and luscious.....	\$0.05	\$0.10	\$0.15	\$0.45
261. SWEET HEART. The best long shipper. Large oval, flesh bright red, solid, tender and sweet.....	.05	.10	.15	.45
262. ★COLE'S EARLY. A very early melon; just right in size and shape..	.05	.10	.15	.45
263. FORDHOOK EARLY. The earliest large melon; a good shipper..	.05	.10	.15	.50
264. KOLB'S GEM. A well-known shipper. Large and a heavy yielder; bright red flesh of very good quality.....	.05	.10	.15	.45
264½. DARK ICING. Skin dark green; flesh sweet and melting—the trucker's favorite .....	.05	.10	.15	.50
265. OLDS' 1908 MELON. Promises to be the most profitable melon for the grower and dealer, as well as best for the consumer.....	.05	.10	.20	.65
266. DUKE JONES. An excellent shipper; flesh red, sweet and juicy....	.05	.10	.15	.45
266½. LIGHT ICING. Skin light green; flesh red, crisp and sweet.....	.05	.10	.15	.45
267. ★ICE CREAM, or PEEPLESS. A standard home variety.....	.05	.10	.15	.45
268. JONES' JUMBO. Round, of large size, and of extra good quality....	.05	.10	.15	.45
268½. BRAZILIAN. Sweet, luscious and attractive. Page 53.....	.05	.20	.20	.60
269. GIRARDEAU'S TRIUMPH. Large, prolific and sweet. A good shipper	.05	.10	.15	.45
270. ★KLECKLEY SWEETS. One of the finest melons yet introduced...	.05	.10	.15	.45
270½. KLONDIKE. The sweetest melon grown—try it.....	.05	.10	.20	.60
271. ★ALABAMA SWEET. A new early maturing melon.....	.05	.10	.15	.45
271½. TOM WATSON. A new Watermelon. Description page 53.....	.05	.10	.20	.60
272. BLACK DIAMOND. A new melon—large and productive; a good shipper; flesh rich, red, thick, firm and sweet.....	.05	.10	.15	.45
273. HALBERT HONEY. A new melon; one of the best for the home garden	.05	.10	.15	.50
274. HUNGARIAN HONEY. A superb melon and one of the sweetest....	.05	.10	.20	.55
275. PRESERVING CITRON. Colorado Preserving. The most desirable....	.05	.10	.15	.50
276. GEORGIA RATTLESNAKE. A large, oblong, dark green melon; very popular in the South.....	.05	.10	.15	.50
277. MIXED. Will produce choice melons throughout the whole season..	.05	.10	.10	.30

LEEK.

Leeks are valuable for soups and salads; they may also be sliced and cooked like green peas.

210. **AMERICAN FLAG.** A strong-growing variety; large, thick stems; sweet and delicious, when properly cooked. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c, postpaid.

HERBS.

The following medicinal herbs are so well known they need no special description. What is more healthful than Fennel, Sage or Anise tea? Herbs are also much used for flavoring; very desirable for an unused corner of the garden.

- 480. Anise Pkt. 5c, oz. 10c.
- 481. Balm Pkt. 5c, oz. 10c.
- 483. Caraway Pkt. 5c, oz. 10c.
- 485. Dill Pkt. 5c, oz. 10c.
- 486. Fennel, Sweet Pkt. 5c, oz. 10c.
- 487. Horehound Pkt. 5c, oz. 10c.
- 488. Lavender Pkt. 5c, oz. 10c.
- 489. Marjoram, Sweet Pkt. 5c, oz. 10c.
- 490. Rosemary Pkt. 5c, oz. 15c.
- 492. Sage Pkt. 5c, oz. 10c, ¼ lb. 18c.
- 493. Summer Savory Pkt. 5c, oz. 10c.
- 494. Winter Savory Pkt. 5c, oz. 15c.
- 496. Thyme Pkt. 5c, oz. 15c.
- 498. Wormwood Pkt. 5c, oz. 10c.
- 499. Mixed (all the above)..... Pkt. 5c.

SAGE, Holt's Mammoth, Plants only, 20c each; 2 for 35c.

TARRAGON, Plants, 25c each; 2 for 45c.

If you have anything new that is good write and send us a photo of it.

MUSTARD.

255. **BLACK OR BROWN.** Pkt., 3c; oz., 5c; ¼ lb., 10c; lb., 30c, postpaid.

256. **NEW WHITE CHINESE.** Leaves tender and delicious. Pkt., 3c; oz., 5c; ¼ lb., 10c.

257. **NEW MONSTROUS.** A new thick-leaved variety. Pkt., 5c; oz., 10c; ¼ lb., 15c.

258. **WHITE LONDON.** Fine for salads and garnishing. Pkt., 3c; oz., 10c; ¼ lb., 15c.

MUSHROOM.

Pure Culture Spawn.

Repeated trials have demonstrated that the Pure Culture Spawn is far superior to spawn that is imported; and when once used no other is wanted. It costs more than the imported, but the results show it is by far the cheaper. A brick weighs 1 1-3 lbs. Cultural directions free with every order.



One brick, 35c; 3 bricks (4 lbs.), \$1.00, postpaid. Not prepaid: 1 brick, 20c; 3 bricks, 50c.

A 35 cent, 43 page illustrated book on Mushroom Culture and Pure Culture Spawn, for 25c, postpaid, or free with an order of 3 bricks.

OKRA.

278. **WHITE VELVET.** Very productive and superior in flavor to any other variety. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 40c, postpaid.

ONION SETS

Many prefer to grow onions from sets, as they are less trouble and are ready for use earlier than those grown from seed. Our sets this year are very nice and just the right size. One quart will plant a row 50 feet long. 10 bus. will plant one acre. Bottom Sets are grown from seed and are the most used. Top Sets are still much called for in some sections. Egyptian or Perennial may be set either in spring or fall. They come up early in spring without any protection and furnish the earliest onions. White Multipliers are fine for bunching green. Bottom Sets and Multipliers, bu., 32 lbs., Top Sets, bu., 28 lbs. Bushel prices are subject to market changes.

VARIETIES MOST CALLED FOR.

If larger quantities are wanted, write for special prices.

	By mail, postpaid.		By express or freight.				
	pt.	qt.	pt.	qt.	½pk.	pk.	bu.
WHITE BOTTOM	\$0.15	\$0.25	\$0.10	\$0.15	\$0.40	\$0.70	\$2.65
YELLOW BOTTOM .....	.15	.25	.10	.15	.35	.65	2.45
RED BOTTOM .....	.15	.25	.10	.15	.35	.65	2.40
RED TOP (Improved) .....	.15	.30	.15	.20	.60	1.15	4.25
EGYPTIAN or PERENNIAL .....	.15	.25	.10	.15	.35	.60	2.25
WHITE MULTIPLIER ....	.20	.35	.15	.20	.65	1.20	4.50



WELL PLEASED CUSTOMERS.

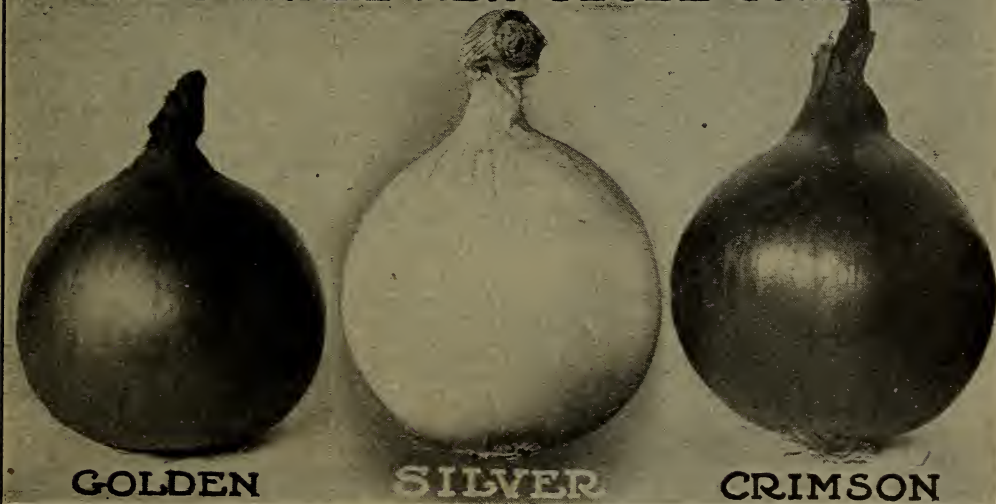
Mrs. J. F. Kimman, of Corona, N. Mex., says: "I am well pleased with the seeds I received and I want to thank you for your promptness. I never received seeds so quick before."

Chas. Bean, Buffalo Heart, Ill., Feb. 20, 1913, says: "Raised an excellent garden from your seeds last year. This makes 15 years I have ordered seeds of some kind or other from you."

ONION SEED

Our Onion seed has been proved by test and is all right. Packets each contain 1-6 oz. of seed, sufficient to sow from 10 to 15 feet of drill; 4 to 5 lbs. will sow one acre. The varieties marked with a star are those we specially recommend. Vitality of good seed, 90%. Order by number. Two pounds or more at 5-lb. rates. For larger quantities see our market gardeners' price list—free on request.

OLD'S THREE NEW GLOBE ONIONS



GOLDEN

SILVER

CRIMSON

OLDS' THREE NEW GLOBE ONIONS. Perfect types of Southport Globes, Eastern-grown seed—see illustration above. The true Southports are most desirable onions. They are not only handsome in appearance, but are all good keepers and perfectly globe-shaped. Our Three New Globe Onions are improved strains of Southports. One packet of each 25 cents.

280. OLDS' GOLDEN GLOBE. A heavy yielder, hardy and reliable; color light golden yellow; handsome in appearance; flesh snow-white, firm, mild and juicy. Altogether a most satisfactory onion for family or market use. Pkt., 10c; ½ oz., 15c; oz., 20c; ¼ lb., 30c; lb., \$1.10.

281. OLDS' SILVER GLOBE. Solid and heavy; flesh pure white, close and fine grained. A very handsome onion, and for the family garden unexcelled. Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 45c; lb., \$1.65, postpaid. Not prepaid: 2 lbs. or more at \$1.50 per lb.

282. OLDS' CRIMSON GLOBE. Skin deep purplish-red; flesh close-grained, white, mild and tender. It is hardy, a good keeper and very productive. Pkt., 10c; ½ oz., 15c; oz., 20c; ¼ lb., 35c; lb., \$1.15, postpaid. Not prepaid: 2 lbs. or more at \$1.00 per lb.

See page 57 for full and complete list of onions.

OLDS' LARGE RED WETHERSFIELD



287. OLDS' EXTRA LARGE RED WETHERSFIELD.

The standard red onion. The skin is deep purplish red, flesh purplish white; fine-grained and stronger flavored than any other sort. It is in every respect a perfect red onion for home use and market purposes. Our strain of Large Red Wethersfield is the best that can be secured by most careful selection and cultivation. **EASTERN GROWN SEED.** Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 90c, postpaid. Not prepaid: 5 lbs., \$3.75. **CALIF. GROWN SEED:** Not prepaid: 5 lbs., \$3.50.

292. WHITE GLOBE.

Beautiful and symmetrical, with clear pure white skin. The flesh is firm and fine-grained. The Southport White Globe is a good keeper and a good market

onion. **EASTERN GROWN SEED:** Pkt., 5c; oz., 15c; 1/4 lb., 40c; lb., \$1.45, postpaid. Not prepaid: 5 lbs., \$6.50. **CALIF. GROWN SEED:** Not prepaid: 5 lbs., \$6.25.

OLD'S YELLOW GLOBE DANVERS



285. ★OLDS' BEST YELLOW GLOBE DANVERS.

The Yellow Globe Danvers is a standard onion, more largely grown than any other variety. It is a large globe-shaped onion, and very productive (illustration opposite). The skin is a light golden brown; flesh pure white, crisp and mild in flavor. The entire crop ripens at one time and winters well. This is the best strain of Yellow Globe Danvers. **EASTERN GROWN SEED:** Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 85c, postpaid. Not prepaid: 5 lbs., \$3.50. **CALIF. GROWN SEED:** Not prepaid: 5 lbs., \$3.25.

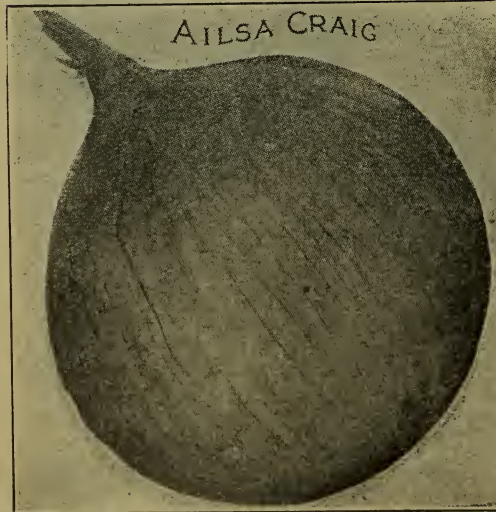
291. ★SOUTHPORT LARGE RED GLOBE.

The most handsome and perfect globe-shaped onion in cultivation. The skin is a deep rich crimson, with a satin-like gloss, flesh fine-grained, mild and very tender. The Large Red Globe is a splendid keeper, of excellent quality, and very desirable. We offer the true Southport strain. **EASTERN GROWN SEED:** Pkt., 5c; oz., 10c; 1/4 lb., 30c; lb., \$1.00, postpaid. Not prepaid: 5 lbs., \$4.25. **CALIF. GROWN SEED:** Not prepaid: 5 lbs., \$4.00.

290. ★SOUTHPORT YELLOW GLOBE.

Identical with the Red Globe, except in color. Our seed is the true Southport type—no better at any price. **EASTERN GROWN SEED:** Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 95c, postpaid. Not prepaid: 5 lbs., \$4.00. **CALIF. GROWN SEED:** 5 lbs., \$3.75.

AILSA CRAIG



288. **AILSA CRAIG.** An onion unexcelled for form, size and weight—see illustration. It is straw-colored, very productive, a good keeper and on account of its mild flavor, excellent for eating raw. When boxed in good shape, it competes successfully with the imported Spanish onion and we believe after it is better known, will become a very popular sort. Pkt., 10c; 2 pkts., 15c; oz., 20c; 1/4 lb., 45c; lb., \$1.65, postpaid.

300. **OLDS' SELECT OHIO YELLOW GLOBE.** This is a bright yellow onion, with a small neck; ripens early and all at once. The bulbs are firm and good keepers; productive and well adapted to any good soil. Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 95c, postpaid.

301. **MICHIGAN YELLOW GLOBE.** This variety is a selection from the Yellow Globe Danvers, and is a perfect globe-shaped onion; a little darker in color than Danvers; a heavy cropper and a first-class keeper. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 90c, postpaid.

Good crops can be grown only from good seeds—try our seeds. Full and complete list of onions next page.

FIELD OF SOUTHPORT WHITE GLOBE



295. **OLDS' LONGKEEPER.** A sure cropper and the best keeper. A globe-shaped onion, very quick to grow and sure to make a crop. The onions are uniformly thin-necked, with flesh pure white, solid, crisp, sweet and mild in flavor. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 95c, postpaid.

304. **MIXED ONION SEED.** Just the thing for those not particular as to variety. This is good seed and will produce red, yellow and white onions; some globe-shaped and some flat. Oz. pkt., 10c; ¼ lb., 20c; lb., 65c, postpaid.



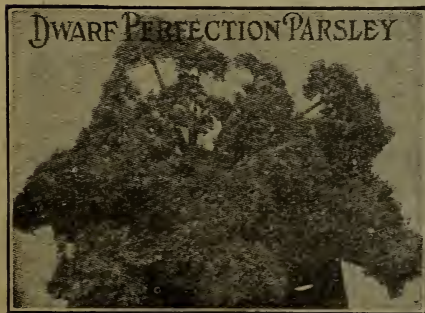
303. **★ OLDS' EARLY WHITE QUEEN.** The best of all for small pickles. The White Queen grows from one to one and a half inches in diameter, when the tops die down, leaving a neat and handsome white bulb—suitable for pickling. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 95c, postpaid.

ONION. Full List.

If ordered by express or freight, deduct 10c per lb.; ½ lb. at pound rates.

	By mail, postpaid.			
	pkt.	oz.	¼ lb.	lb.
280. OLDS' GOLDEN GLOBE. A most satisfactory onion for family use.	\$0.10	\$0.20	\$0.30	\$1.10
281. OLDS' SILVER GLOBE. One of the most handsome onions grown	.10	.25	.45	1.65
282. OLDS' CRIMSON GLOBE. Hardy; a good keeper and a big yielder.	.10	.20	.35	1.15
285. ★OLDS' YELLOW GLOBE DANVERS. The standard Yellow Globe.	.05	.10	.25	.85
286. EXTRA EARLY RED. (Flat.) Very desirable for extra early.	.05	.10	.25	.80
287. OLDS' EXTRA LARGE RED WETHERSFIELD. The best strain.	.05	.10	.25	.90
288. AILSA CRAIG. A most excellent shaped onion. See page 56.	.10	.20	.45	1.65
289. WHITE AUSTRALIAN. Brand new. Better than Australian Brown.	.10	.20	.70	2.50
290. SOUTHPORT YELLOW GLOBE. A heavy yielder. Page 56.	.05	.10	.25	.95
291. ★SOUTHPORT LARGE RED GLOBE. Most handsome and most perfect globe-shaped onion in cultivation.	.05	.10	.30	1.00
292. SOUTHPORT WHITE GLOBE. A good keeper and a splendid onion.	.05	.15	.40	1.45
293. WHITE PORTUGAL, or Silver Skin. A favorite white onion; very mild	.05	.15	.40	1.40
294. YELLOW DANVERS FLAT. Largely grown for market and for sets.	.05	.10	.25	.80
295. OLDS' LONGKEEPER. Early, a sure cropper, and a good keeper.	.05	.10	.25	.95
296. MAMMOTH SILVER KING. Handsome, sweet, tender and mild.	.05	.10	.30	1.00
297. ★PRIZE-TAKER. The genuine. Large and handsome.	.05	.10	.25	.85
298. ★RED GLOBE WETHERSFIELD. The old reliable Large Red Wethers-				
field bred to a globe shape.	.05	.10	.25	.95
299. AUSTRALIAN BROWN. Extra early and a sure cropper.	.05	.10	.25	.80
299½. YELLOW STRASBURG. The variety most used for sets.	.05	.10	.25	.80
300. OLDS' SELECT OHIO YELLOW GLOBE. Page 56	.05	.10	.25	.95
301. MICHIGAN YELLOW GLOBE. A heavy cropper.	.05	.10	.25	.90
302. ★OLDS' SELECT PICKLING. Fine for bunching.	.05	.10	.30	1.10
303. ★OLDS' EARLY WHITE QUEEN. The best for small pickles.	.05	.10	.25	.95
303½. WHITE WELSH. Most suitable for green onions.	.05	.10	.30	1.05

If not particular as to variety—plant our MIXED ONION SEED. Lb., 65c, postpaid.



PARSLEY.

One packet contains seed enough to sow a row 40 feet long; 3 lbs. will seed one acre.



308. **OLDS' DWARF PERFECTION.** A very attractive plant; bright, pea-green, moss curled leaves, of excellent flavor. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

305. **CHAMPION MOSS CURLED.** Beautifully curled and crumpled leaves—just right for seasoning; also useful for salads and garnishing. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 55c, postpaid.

306. **FERN-LEAVED.** Fern-shaped leaves. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c, postpaid.

307. **★THE ARLINGTON.** A fine new, double, curled parsley. It withstands heat, cold and drought. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 55c, postpaid.

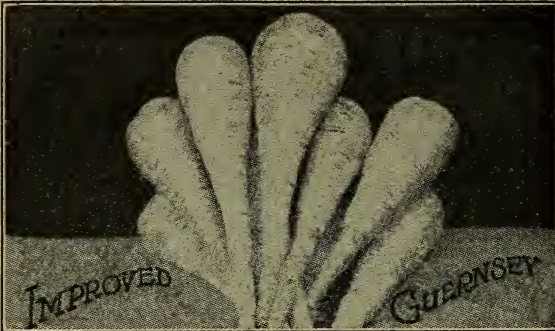
For larger quantities see our market gardeners' net price list before ordering—free on request.

PARSNIP.

While highly appreciated for table use the great value of the parsnip is for stock feeding. The roots are very rich in saccharine food. Packets each contain seed sufficient to sow a row 30 feet long; 5 lbs., will seed one acre.

310. ★IMPROVED GUERNSEY. The best variety; roots smooth and easily harvested. Not prepaid, 2 lbs. or more at 40c per lb.
 311. HOLLOW CROWN. The old standard variety.
 312. EARLY SHORT ROUND. Early and well adapted to any soil.

By mail, postpaid.			
pkt.	oz.	¼ lb.	lb.
\$0.05	\$0.10	\$0.15	\$0.40
.05	.10	.15	.40
.05	.10	.15	.45



310. **IMPROVED GUERNSEY PARSNIP.** An improved strain and one that has given general satisfaction. See illustration opposite and for prices above.

QUANTITY OF SEED REQUIRED TO PLANT AN ACRE.

—We find a great variation in the tables given by different seedsmen—which certainly is confusing to those seeking information. The quantity of seed required for an acre, as given by us under each heading, is based upon our own trials, and agrees substantially with Prof. L. H. Bailey, a recognized authority.

PEAS

Our peas are grown in the north, are carefully rogued and hand-picked. Packets contain full 2 ounces and will plant from 10 to 15 feet of drill; one quart will plant 100 feet; 1½ to 2 bus. an acre. Vitality of good seed, 95%. Those marked thus (*) are wrinkled varieties, and those marked with a star are the varieties we particularly recommend. Freight prices on page 60.



320. ★**SURPRISE.*** A new pea well named—the earliest of all wrinkled peas. The pods are good-sized and well filled. The peas are very tender and sweet, retaining their fine flavor even when fully developed. This new pea is a cross of Alaska and American Wonder. It possesses the quality of the latter. The vines grow 24 inches high, but need no support. Pkt., 10c; 2 pkts., 15c; pt., 20c; qt., 35c, postpaid.

323. **ALASKA.** The earliest of all blue peas. It is very productive and of good quality, but not equal to the wrinkled varieties in sweetness or long season. The vines grow from 3 to 3½ feet high with well-filled pods, which can be gathered in two pickings. A valuable sort for market gardeners and canners. Pkt., 10c; 2 pkts., 15c; pt., 20c; qt., 35c, postpaid.

323½. **SUTTON'S EXCELSIOR.** A new large podded dwarf variety, also one of the most vigorous in growth and unsurpassed in quality. The plants grow 14 inches high and are very productive, producing the largest pods (see illustration) of any of the dwarf varieties. The peas are handsome in appearance and mature nearly as early as Nott's Excelsior. Pkt., 10c; 2 pkts., 15c; pt., 20c; qt., 35c, postpaid.

337. **SENATOR.*** The Senator is a new second-early. It is a large, luscious wrinkled pea; of the same season as McLean's Advancer, but with larger pods and vines much more productive. The pods are well filled with peas, sweet and tender, even when quite large; vines 2 feet high. Pkt., 10c; 2 pkts., 15c; pt., 20c; qt., 35c, postpaid.

331. **EXTRA EARLY PREMIUM GEM.*** A fine dwarf variety; height, 18 inches. Very productive; maturing a few days later than American Wonder. The pods are well filled with luscious peas. Pkt., 10c; 2 pkts., 15c; pt., 20c; qt., 35c, postpaid.

If more than \$5.00 worth of garden seeds, in larger quantities than ounces and quarts, is wanted, send for our Market Gardeners' net price list before ordering.

All wrinkled Peas weigh 56 lbs. to the bushel; smooth varieties, 60 lbs.



320½. **★OLDS' BEST EXTRA EARLY.** The best strain of Extra Early Peas and the result of very careful selection. They are as early as Alaska and average 20 inches in height. The pods are well filled and the crop can be gathered in one picking. Olds' Extra Early is the market gardeners' pea and a general favorite. Also fine for the home garden as it is hardy and can be planted earlier than the wrinkled sorts. Pkt., 10c; 2 pkts., 15c; pt., 20c; qt., 35c.

324. **★GRADUS.*** Also called "Prosperity." The earliest large-podded pea in cultivation; vines from 3 to 3½ feet high; pods large and well filled with very large peas. The peas remain tender a long time, and the vines continue bearing for some time after the first picking. We consider this pea one of the best for the home garden. Our prices this year are very reasonable for Gradus; it is always a high-priced variety. Pkt., 10c; 2 pkts., 15c; pt., 25c; qt., 45c, postpaid.

330. **AMERICAN WONDER.*** A very fine extra early dwarf variety; height, one foot. It is quite productive and well suited for the private garden. The flavor and quality are excellent. Pkt., 10c; 2 pkts., 15c; pt., 25c; qt., 45c, postpaid.

336. **IMPROVED DWARF CHAMPION.*** The Dwarf Champion is a dwarf-growing strain of the well known variety—Champion of England. It grows only two feet high but has all the good qualities of its parent. The pods are three inches in length, round and well filled. It is hardy, a vigorous grower and very productive. Pkt., 10c; 2 pkts., 15c; pt., 20c; qt., 35c, postpaid.

334. **THOMAS LAXTON.*** A new variety and one of the best yet introduced. A cross of the Gradus and Earliest of All, and between the two in season; vines from 3 to 3½ feet high; pods large and well filled; peas dark green, sweet and fine-flavored—very attractive in appearance and one of the best sorts for the market and the home garden. Pkt., 10c; 2 pkts., 15c; pt., 25c; qt., 45c.

339. **LITTLE MARVEL.** A new English market variety. It is early, dwarf and a great improvement over Mott's Excelsior and American Wonder. It produces dark green pods, well filled with delicious peas. The vines are very productive and the pods are usually borne in pairs. Pkt., 10c; 2 pkts., 15c; pt., 25c; qt., 45c, postpaid.

333. **★ENGLISH WONDER.*** The sweetest pea we know of. This is a new dwarf second early variety. The pods are produced in abundance and are well filled with large, dark green peas (see illustration). It is a sure cropper. Vines grow about 18 inches high. We highly recommend this new pea, and none of our customers who try it will regret it. Pkt., 10c; 2 pkts., 15c; pt., 20c; qt., 35c, postpaid.

Orders to go by mail are filled the same day as received.



See next page for freight prices and full and complete list of peas.

THREE SPLENDID PEAS FOR SUCCESSION.

One pkt. each, 25c; one pt. each, 50c; one qt. each, \$1.00, postpaid. By express or freight, not prepaid: One qt. each, 50c; one pk. each, \$4.00; ½ pk. each, \$2.15.



325. ★NOTT'S EXCELSIOR.* The most popular early dwarf pea in cultivation. Pods well filled (see illustration). Peas very tender and sweet. In earliness it equals American Wonder; in height, about 15 inches; in quality, equal to Premium Gem, and as a crop- per it excels both. Pkt., 10c; 2 pkts., 15c; pt., 20c; qt., 35c, postpaid.

321. THE HEROINE.* Our best second early. It bears profusely and produces large pods, well filled with the very best peas. It is a fine pea for the most critical market gardener, and we predict it

will become a general favorite. Pkt., 10c; 2 pkts., 15c; pt., 20c; qt., 35c, postpaid.

326. IMPROVED STRATAGEM.* The best of all the large-podded late peas; pods of immense size, well filled with large, dark green peas of the finest quality; height 18 inches—one of the very finest for a later second early. Pkt., 10c; 2 pkts., 15c; pt., 20c; qt., 35c, postpaid.

335. ★OLDS' DWARF TELEPHONE.* The most prolific dwarf pea; producing large, handsome pods like the Telephone, but without the tall vines. It is medium early, very productive; pods well filled with pale green peas of the best quality; handsome and just right for the market and the home garden. Pkt., 10c; 2 pkts., 15c; pt., 25c; qt., 45c, postpaid.

324½. LAXTONIA. The largest podded, early dwarf pea. Requires no supports of any kind. The vines are very productive and produce pods similar in shape to the Gradus, which are filled with large, luscious, light green peas. Pkt., 10c; 2 pkts., 15c; pt., 25c; qt., 45c.

326½. PIONEER. A recent introduction and one destined to become very popular. The plants are robust in habit and carry a heavy crop of long pointed dark green pods. Pkt., 10c; 2 pkts., 15c; pt., 30c; qt., 50c, postpaid.

See our new Early Model Melon—page 51.

PEAS. Full List.

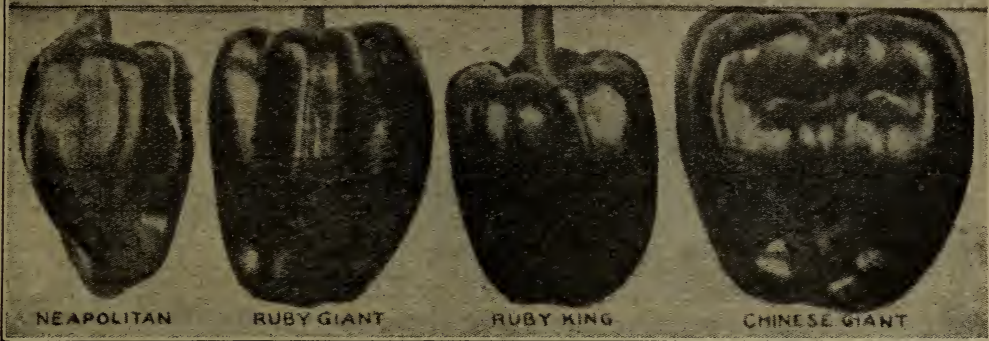
Pints, half-pecks and half-bushels at qt., pk., and bu. rates.	By mail, postpaid.			By exp. or frt.		
	pkt.	pt.	qt.	qt.	pk.	bu.
320. ★SURPRISE.* The earliest of all wrinkled peas.....	\$0.10	\$0.20	\$0.35	\$0.20	\$1.45	\$5.65
320½. ★OLDS' BEST EXTRA EARLY. The best strain	.10	.20	.35	.20	1.35	5.25
321. THE HEROINE.* Our best second early .....	.10	.20	.35	.20	1.35	5.35
322. TELEPHONE.* Most popular late variety; vines large; pods well filled; peas tender and of fine quality.....	.10	.20	.35	.20	1.40	5.40
323. ALASKA. The earliest of all blue peas. Very productive	.10	.20	.35	.20	1.30	5.00
323½. SUTTON'S EXCELSIOR. A new dwarf variety—page 58	.10	.20	.35	.20	1.40	5.50
324. ★GRADUS.* The earliest large-podded pea in cultivation	.10	.25	.45	.30	1.70	6.75
324½. LAXTONIA. The new dwarf Gradus.....	.10	.25	.45	.30	1.85	7.25
325. ★NOTT'S EXCELSIOR.* The best early dwarf pea.....	.10	.30	.35	.20	1.45	5.65
326. IMPROVED STRATAGEM.* The best late large-podded pea	.10	.30	.35	.20	1.45	5.75
326½. PIONEER. A very popular recent introduction.....	.10	.25	.45	.30	2.20	8.50
327. CHAMPION OF ENGLAND.* One of the best peas grown	.10	.20	.35	.20	1.30	5.00
328. McLEAN'S ADVANCER.* A market gardener's favorite...	.10	.20	.35	.20	1.35	5.15
329. LITTLE GEM.* Height, 16 to 18 inches; very prolific and of excellent flavor.....	.10	.20	.35	.20	1.35	5.25
330. AMERICAN WONDER.* Dwarfest of all varieties; 12 inches in height. Very early and very sweet.....	.10	.20	.35	.20	1.50	5.85
331. EXTRA EARLY PREMIUM GEM.* A very fine dwarf pea of the Little Gem type, over which it is an improvement...	.10	.20	.35	.20	1.40	5.45
332. BLISS' EVERBEARING.* A very popular pea—continues bearing about two months. Season medium to late.....	.10	.20	.35	.20	1.35	5.25
333. ★ENGLISH WONDER.* The sweetest pea we know of...	.10	.20	.35	.20	1.40	5.50
334. THOMAS LAXTON.* One of the best yet introduced...	.10	.25	.45	.30	1.80	7.00
335. ★OLDS' DWARF TELEPHONE.* Most prolific dwarf pea.	.10	.25	.45	.30	1.60	6.25
336. IMPROVED DWARF CHAMPION.* See page 59.....	.10	.20	.35	.20	1.35	5.15
337. SENATOR.* A grand new second early.....	.10	.20	.35	.20	1.40	5.50
338. HORSFORD'S MARKET GARDEN.* A great favorite.	.10	.20	.35	.20	1.30	5.10
339. LITTLE MARVEL. Described and illustrated on page 59	.10	.25	.45	.30	1.80	7.00
340. MELTING SUGAR. Edible pods—can be cooked and eaten, pods and all; entirely stringless.....	.10	.25	.45	.30	2.00	7.65
341. MAMMOTH LUSCIOUS SUGAR. The perfect sugar pea...	.10	.25	.45	.30	2.00	7.85
345. WHITE MARROWFAT. An old favorite market pea....	.05	.15	.25	.15	.85	3.25

NEW PIMIENTO PEPPER.



356½. A new picnic pepper, largely used for canning—try it. Regular pkt., 10c; 2 pkts., 15c, or order anything from this catalogue amounting to \$1.00 or more and we will give free, on request, a trial packet.

PEPPER



We can furnish plants in season—see our list of vegetable and other plants, page 77.

Each packet contains seed sufficient to produce over 200 plants; $\frac{1}{4}$ lb. of seed is enough for one acre. Vitality of good seed, 65%. Order by number.

One pound of any variety at three and one-half times the price of $\frac{1}{4}$ lb.

	Mail, postpaid.		
	pkt.	oz.	$\frac{1}{4}$ lb.
350. ★RUBY KING. A very popular red pepper; mild and sweet.....	\$0.05	\$0.15	\$0.35
351. BELL OR BULL NOSE. The best known red pepper; early and prolific..	.05	.15	.30
351½. RUBY GIANT. A large, fine shaped pepper. A cross of Ruby King and Chinese Giant; flesh mild and sweet; hardy and productive.....	.05	.15	.50
352. GOLDEN QUEEN. Bright golden yellow; productive, mild and sweet....	.05	.15	.35
353. SWEET MOUNTAIN. A strong grower; large, productive and sweet.....	.05	.15	.30
354. CHINESE GIANT. A very desirable variety, of recent introduction.....	.05	.20	.60
355. ★OLDS' EARLY NEAPOLITAN. Bright red peppers, produced in abundance.	.05	.15	.35
356. LONG RED CAYENNE. A standard household variety—hot and pungent	.05	.15	.35
356½. PIMIENTO PEPPER. A new variety for introduction—page 60.....	.10		
357. RED CLUSTEE. Small, thin red pods borne upright in clusters.....	.05	.15	.40
357½. OLDS' RED HOT. (Tobasco.) Small, with a very hot flavor, much used as a sauce for soups, oysters, etc. The peppers are borne in great profusion.	.05	.25	.95
358. MIXED PEPPERS. The above varieties mixed.....	.05	.10	.25
359. NEW TOMATO PEPPER. In shape and general appearance resembles a tomato; of upright growth, prolific and continuing to bear until frost.....	.05	.15	.45

PUMPKIN

Our seed has all been saved from pumpkins grown for seed purposes. Each packet contains $\frac{1}{4}$ oz. of seed, sufficient to plant from 5 to 10 hills; 3 to 4 lbs. will plant one acre alone; one pound, an acre with corn. Vitality of good seed, 90%. Order by number.

362. ★LARGE CONNECTICUT YELLOW FIELD (Yankee Cow Pumpkin). The standard field pumpkin. No farmer should fail to plant some every year with corn; a sure cropper, a good keeper, and very prolific—the best for stock, also good for pies. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 40c; 2 lbs. or more, 35c per lb., postpaid. Not prepaid: 5 lbs., \$1.00.

361. ★QUAKER PIE. A distinct variety; very prolific. The pumpkins are nearly round in shape; creamy white inside and out when ripe; fine grained and rich in flavor; good keepers and among the very best for pies. We do not usually have enough seed of this variety to go around. Order early. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c, postpaid.

366. JAPANESE PIE. A new pumpkin of Japanese origin; flesh very thick, fine-grained, dry and sweet; productive and very desirable for cooking. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c, postpaid.

360. ★KING OF MAMMOTHS. Has been grown to weigh 200 lbs.—surpassing any other variety for size. The flesh and skin are both bright yellow and of excellent quality. The Mammoth is one of the best pie pumpkins grown, also a splendid keeper and valuable for feeding purposes. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 70c, postpaid.

369. GOLDEN OBLONG. A fine variety, oblong in shape. Golden orange skin, thin but tough. Rich yellow flesh, very sweet, dry and excellent for pies. A good keeper. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 55c.

FULL LIST.

If ordered by express or freight, deduct 10c per pound.

	By mail, postpaid.			
	pkt.	oz.	$\frac{1}{4}$ lb.	lb.
360. ★KING OF MAMMOTHS. The largest and one of the best pie pumpkins grown, a good keeper and valuable also for feeding.....	\$0.05	\$0.10	\$0.25	\$0.70
361. ★QUAKER PIE. A very prolific variety, and one of the best for pies..	.05	.10	.20	.60
362. ★LARGE CONNECTICUT YELLOW FIELD. The standard field pumpkin; a sure cropper and a good keeper .....	.05	.10	.15	.40
363. SMALL SUGAR. The noted New England Pie Pumpkin, and sweetest of all varieties; prolific and a good keeper.....	.05	.10	.15	.45
364. WINTER LUXURY. A new variety, pronounced by many the best pie pumpkin; of medium size.....	.05	.10	.20	.60
365. CALHOUN. A small pie pumpkin, of extra fine quality.....	.05	.10	.25	.75
366. JAPANESE PIE. A new pumpkin, of Japanese origin; dry and sweet	.05	.10	.20	.65
368. LARGE CHEESE. A fine keeper, excellent for pies, also grown in large quantities for stock. Very productive.....	.05	.10	.15	.50
369. GOLDEN OBLONG. A new variety, very fine and productive.....	.05	.10	.20	.55
369½. OLDS' MIXTURE. Pumpkins all the season with one planting..	.03	.05	.10	.35

For larger quantities see our market gardeners' net price list before ordering.

RADISH

Our list includes the best varieties, and our seed is grown from choice French grown stock seed. Pkts. contain $\frac{1}{4}$ oz. of seed each, sufficient to sow from 25 to 30 feet of drill; 10 to 12 lbs. will sow an acre in drills. Vitality of good seed, 95%. Order by number.



371 $\frac{1}{2}$. OLDS' RED GLOBE FORCING.

Grows quick and is the best for forcing in or outdoors. Globe-shaped; bright red in color; crisp and tender. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c.

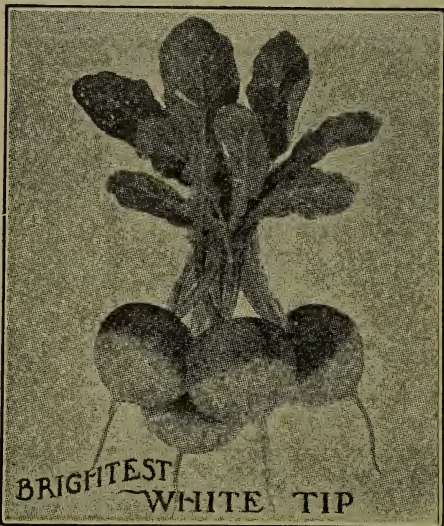
378 $\frac{1}{2}$. OLDS' EARLIEST WHITE FORCING.

Not only the earliest white radish, but the earliest of any color; pure white, oblong and tender. Small tops, which permit close planting. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c.



370 $\frac{1}{2}$. OLDS' BRIGHTEST WHITE TIP.

A bright scarlet white tipped radish—see illustration. It is quite distinct in color and has a well defined clear white tip. It has a small top, is a rapid grower and is adapted for forcing. It remains solid and crisp even when fully developed. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c, postpaid. Not prepaid: 2 lbs. or more at 45c per lb.



371. OLDS' EARLIEST SCARLET TURNIP.

A splendid extra early, round bright red radish. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 45c, postpaid. Not prepaid: 2 lbs. or more at 30c per lb.

378. **OLDS' SNOWBALL.** The earliest white turnip, or globe-shaped radish. It is almost transparent. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c, postpaid. Not prepaid: 2 lbs. or more at 35c per lb.

388. **OLDS' GOLDEN GLOBE.** An excellent summer variety; of quick growth, producing crisp, tender radishes even in the hottest weather. The skin is golden yellow in color; flesh white and mild in flavor. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c, postpaid. Not prepaid: 2 lbs., 70c.

374 $\frac{1}{2}$. **WHITE OLIVE SHAPED.** A splendid pure white olive-shaped radish; somewhat larger in size and a trifle later in maturing than our Earliest White Forcing. It is solid, crisp and first class in every respect. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c, postpaid. Not prepaid: 2 lbs., 70c.



373. **★OLDS' IMPROVED FRENCH BREAKFAST.** Early, handsome, tender and crisp. Deep, glossy crimson, with the white tips well defined. We consider this radish one of the best for forcing. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 45c, postpaid.

385. **★WHITE ICICLE.** The finest pure white, long variety; very early, with smooth symmetrically shaped roots—see illustration. This radish is not only crisp and tender when young, but retains these qualities until the roots reach a large size. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c.



377 $\frac{1}{2}$. **GIANT BUTTER.** A new early forcing variety. It is the largest, early turnip radish. It is of a fine round shape, vivid scarlet in color and very desirable for greenhouse or hot bed forcing. It is tender and crisp and an excellent variety for the home garden. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

374. **OLDS' TWENTY DAY.** The shape of an olive, of a deep red color, pure white flesh; fine for forcing. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c, postpaid.

379. **★NEW LEAFLESS.** A decided acquisition—small top, quick growth; flesh white, crisp, tender and of the best flavor. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 45c.

380. **CRYSTAL BEAUTY.** A new long white radish, almost transparent; very uniform in size and shape. The flesh is firm, crisp and tender. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 50c.

376. **★GRIMSON GIANT.** A distinct forcing variety, and the best for first outdoor planting. The flesh is firm, crisp and tender. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 45c.

393. **MAMMOTH JAPANESE.** A distinct variety, growing to an immense size. It should be treated as a summer, fall or winter radish. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.45.



RHUBARB. Pie Plant. The earliest spring vegetable. Easily raised from seed.

395. **LARGE VICTORIA.** The standard variety. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c, postpaid. For RHUBARB ROOTS—see page 77.

RADISH. Full List.

If ordered by express or freight, deduct 10c per pound.

	By mail, postpaid.			
	pkt.	oz.	¼ lb.	lb.
370. SCARLET TURNIP WHITE TIP. A very popular variety.....	\$0.05	\$0.10	\$0.15	\$0.45
370½. OLDS' BRIGHTEST WHITE TIP. A distinct variety. See page 62.	.05	.10	.20	.60
371. ★OLDS' EARLIEST SCARLET TURNIP. A small, round red variety	.05	.10	.15	.45
371½. OLDS' RED GLOBE FORCING. The best for forcing in or outdoors	.05	.10	.15	.50
372. ★FIRST AND BEST. The best half-long radish.....	.05	.10	.15	.50
373. ★OLDS' IMPROVED FRENCH BREAKFAST. Tender and crisp....	.05	.10	.15	.45
374. OLDS' TWENTY DAY. Olive-shaped, deep red; crisp and tender..	.05	.10	.15	.50
374½. WHITE OLIVE SHAPED. A splendid pure white olive-shaped radish.	.05	.10	.15	.50
375. ★WHITE DELICIOUS. The best white summer radish.....	.05	.10	.20	.60
376. ★CRIMSON GIANT. Best large radish for first outdoor planting....	.05	.10	.15	.45
377. ★EARLY SCARLET GLOBE. Similar to Scarlet Turnip.....	.05	.10	.15	.45
377½. GIANT BUTTER. A new early forcing variety. Page 62.....	.05	.10	.25	.95
378. OLDS' SNOWBALL (White Box). The earliest white turnip-shaped	.05	.10	.15	.50
378½. OLDS' EARLIEST WHITE FORCING. The earliest radish; pure				
white, oblong and tender .....	.05	.10	.15	.50
379. ★NEW LEAFLESS. Very quick grower; crisp and tender.....	.05	.10	.15	.45
380. CRYSTAL BEAUTY. A new, long, white radish; flesh white.....	.05	.10	.15	.50
381. WHITE STRASBURG. A summer radish; of large size.....	.05	.10	.15	.45
382. BRIGHTEST LONG SCARLET. Handsome long red radish.....	.05	.10	.15	.45
383. IMPROVED CHARTIER. Long crimson tipped with white.....	.05	.10	.15	.45
384. CINCINNATI MARKET. Early radish, with small tops—bright scarlet	.05	.10	.20	.55
385. ★WHITE ICICLE. The best long, pure white radish; crisp and tender.	.05	.10	.15	.50
386. TRIUMPH. Very attractive; best for forcing; globe-shaped.....	.05	.10	.20	.60
387. ★EARLY LONG SCARLET. The standard long red radish.....	.05	.10	.15	.45
388. OLDS' GOLDEN GLOBE. An excellent summer variety.....	.05	.10	.15	.50
389. LONG WHITE VIENNA. One of the best long white radishes.....	.05	.10	.15	.45
390. NEW WHITE CHINESE. The best large white winter variety.....	.05	.10	.15	.50
391. CHINA ROSE WINTER. Rose colored and a good keeper.....	.05	.10	.15	.45
392. LONG BLACK SPANISH. Good keeper, black skin, white flesh...	.05	.10	.15	.50
393. MAMMOTH JAPANESE. A new distinct variety; very large.....	.05	.15	.40	1.45
394. MIXED RADISH. Radishes the whole season.....	.03	.05	.10	.25

SPINACH

Spinach is a very important market crop, and large quantities of seed are used every year. Our seed is fresh and as low in price as first quality seed can be sold for. Vitality of good seed, 90%.

403. **★OLDS' LONG SEASON.** The best long season variety—withstanding the hot summer weather, without going to seed, better than any other. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 30c; 2 lbs. or more, 25c per lb., postpaid.

402. **BLOOMSDALE.** A great favorite; thick, dark green, wrinkled leaves (see illustration); hardy, of fine substance and flavor. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 30c; 2 lbs. or more, 25c per lb., postpaid. Not prepaid: 5 lbs., 75c.

400. **ROUND LEAVED.** A well-known standard, early variety; very hardy. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 30c; 2 lbs. or more, 25c per lb., postpaid. Not prepaid: 5 lbs., 75c.

401. **LONG STANDING.** Leaves large, thick and crumpled, with a fleshy appearance; very desirable. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 30c, postpaid. Not prepaid: 5 lbs., 75c.

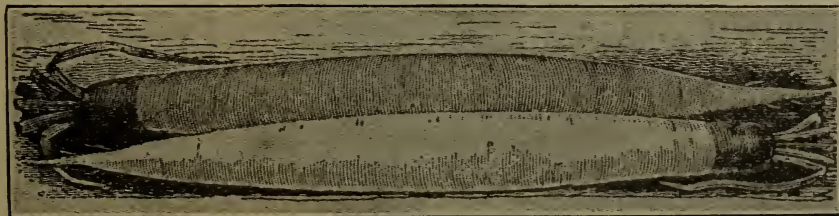
404. **PRICKLEY OR WINTER.** For fall sowing. Very hardy and vigorous in growth. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 30c, postpaid. Not prepaid: 5 lbs., 75c.

402½. **VICTORIA.** Very dark green leaves, almost black. It is fit to use early and remains good for a long time; suitable for market or the private garden. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 30c; postpaid. Not prepaid: 5 lbs., 75c.

403½. **NEW ZEALAND.** For mid-summer sowing; well adapted to dry localities. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 40c, postpaid. Not prepaid: 5 lbs., \$1.25.

**SALSIFY. VEGETABLE OYSTER.**

There is no vegetable more rich and delicious than the Oyster plant or Salsify. It is splendid for winter use and ought to be more largely grown.



See our CASH
DISCOUNT Offer
—page 33.

397. **MAM. SANDWICH ISLAND.** Large roots of fine quality and flavor. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid.

398. **WISCONSIN GOLDEN.** Originated in Wisconsin. Very much like the Mammoth Sandwich Island except that the roots have a yellow tinge. Pkt., 5c; oz., 15c; ¼ lb., 50c.

SEE OUR NEW STRINGLESS WAX BEAN (page 35) AND NEW PEPPER—page 60.

SQUASH

The seed we offer is from squash grown strictly for seed purposes. Our packets each contain $\frac{1}{4}$ oz. of seed, sufficient for about 8 hills; 3 pounds of seed will plant one acre in hills. Those marked with a star are the varieties we specially recommend. Vitality of good seed 90%.

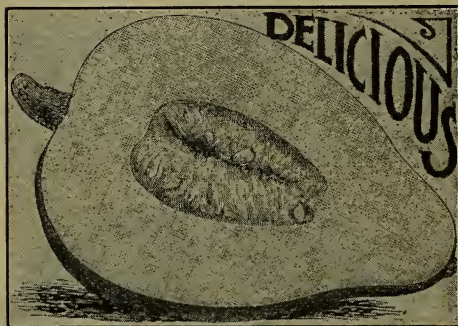


406. **MAM. YELLOW BUSH.** The largest and most handsome bush squash—see illustration, a photograph. The color is a rich golden yellow; flesh cooks dry and is fine for pies. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

405. **★MAM. WHITE BUSH.** A true bush variety, about twice the size of the ordinary White Bush Scallop. The fruit is a clear white and very handsome in appearance. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 55c.

407. **★GIANT SUMMER CROOKNECK.** The Summer Crookneck is a very old variety and almost every one is familiar with it. In the Giant Summer Crookneck we have the earliest summer squash and one much larger than the common variety. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c, postpaid.

420. **MAMMOTH CHILL.** A very large and attractive variety. The skin is a rich orange yellow; flesh thick, fine grained and sweet. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c.



410. **★DELICIOUS.** A recent introduction. One of the thickest-meated varieties, and one of the best for pies. Its color is a dark green, with occasionally a blue specimen; color of flesh, a deep orange. It cooks up drier and is finer-grained than most other squashes, and retains these qualities throughout the winter. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c.

409. **DELICATA.** This is a new, early, small-fruited variety; orange color, splashed and striped with dark green. It is very solid, rich and dry. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 55c, postpaid.

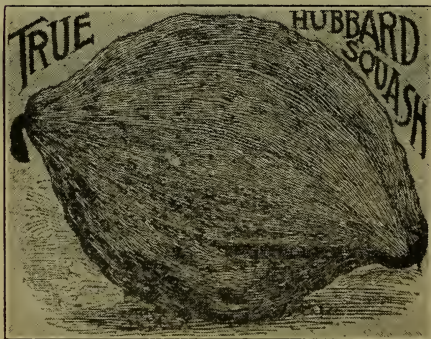
408. **FORDHOOK.** A very good variety for either summer or winter use. The vines are of strong growth and very productive. The fruits are oblong in form with a thin yellowish skin. The flesh is thick and sweet and cooks up dry. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c, postpaid.

OUR THREE HUBBARDS.

411. **★TRUE HUBBARD.** The standard winter squash. Large, olive-shaped (see illustration), with dark green skin and very rich flesh. Almost every one is well acquainted with Hubbard squash. Our strain is extra fine. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c; 2 lbs. or more, 55c per lb., postpaid. Not prepaid: 5 lbs., \$2.00.

412. **WARTED HUBBARD.** Similar to the above, but larger and heavily warted. Very handsome in appearance, and an excellent keeper. It has the hardest shell of all the Hubbards. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c, postpaid.

413. **GOLDEN HUBBARD.** Heavily warted like the above, with a rich orange-yellow skin, turning to a deep salmon-red when ripe. It is equally as productive and superior in quality, if anything, to the other Hubbards. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c.



SQUASH. Full List.

If ordered by express or freight, deduct 10c per lb. $\frac{1}{2}$ lb. at pound rates.

	By mail, postpaid.			
	pkt.	oz.	$\frac{1}{4}$ lb.	lb.
405. MAMMOTH WHITE BUSH. A true bush variety; larger and better shaped than the well-known Early White Scallop.....	\$0.05	\$0.10	\$0.20	\$0.55
406. ★MAMMOTH YELLOW BUSH. The largest bush squash.....	.05	.10	.20	.60
407. ★GIANT SUMMER CROOKNECK. The earliest summer squash.....	.05	.10	.20	.60
408. FORDHOOK. Very fine for pies. A good yielder and keeper.....	.05	.10	.20	.60
409. DELICATA. Very solid, rich and dry—extra fine for home use.....	.05	.10	.20	.55
410. ★DELICIOUS. The thickest-meated squash yet introduced; cooks dry..	.05	.10	.20	.65
411. ★TRUE HUBBARD. The standard winter squash. See illustration....	.05	.10	.20	.60
412. WARTED HUBBARD. Similar to the ordinary Hubbard, but larger	.05	.10	.20	.65
413. GOLDEN HUBBARD. Bright orange-yellow; see above.....	.05	.10	.20	.65
414. CHICAGO ORANGE MARROW. Best fall squash.....	.05	.10	.15	.55
415. BOSTON MARROW. Good for both fall and winter use.....	.05	.10	.20	.60
416. SIBLEY, or PIKE'S PEAK. A general favorite.....	.05	.10	.25	.75
417. VEGETABLE MARROW. Popular English garden variety; smooth skin	.05	.10	.20	.55
420. MAMMOTH CHILL. The largest of all squashes.....	.05	.10	.20	.65
424. OLDS' MIXTURE. Squashes all the season with one sowing.....	.05	.10	.15	.45

TOMATO

Our seed is from tomatoes grown for seed, and from choice selected seed stocks. Our packets each contain seed enough to produce 300 plants; 3 ozs. of seed will plant an acre. Those marked with a star are the varieties we specially recommend. Vitality of good seed 90%.

440. ★OLDS' NEW GLOBE. Livingston's 1905 Introduction. This tomato is a beautiful globe in shape, resembling a peach in form (see illustration). On account of its shape, a greater number of slices can be taken from each one. It ripens with the first earlies. The fruits are large, smooth, firm and with few seeds. It ripens evenly, with a fine, glossy rose color, tinged with purple. Very productive. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 40c.

429. ★MATCHLESS. Well worthy of its name—it is hard to match. It produces large, red fruits throughout the entire season; flesh very solid, heavy and free from any core. If we were to plant but one variety of tomatoes it would be the Matchless. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 35c.

NEW CORELESS TOMATO.

442. LIVINGSTON'S 1908 INTRODUCTION. The most perfect shaped canning variety yet introduced. In shape it is almost round, being about the same in diameter each way. The depression at the stem end has been almost eliminated, which, together with its shape and size, makes it a perfect tomato for canning purposes. The globe tomatoes are fast superseding the old flat, wrinkled varieties. It is very productive. The fruits are of marketable size and always free from green core. The flesh of the New Coreless is very firm and the seed cells are surrounded by bright red, heavy, meaty and delicious flesh, which has a sharp, acid taste.

The New Coreless is bright red in color and its fruits ripen all over and all at the same time. Canners, market gardeners and lovers of good tomatoes should give this new tomato a trial. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 50c.

425. ★SPARK'S EARLIANA. No variety of recent introduction has attracted more attention than this. Early tomatoes are usually of small size, but Spark's Earliana is not only very early, but remarkable for its large size. Handsome in shape, of a dark red color and very firm—flesh deep red, with solid center and small seed-cells. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 40c.

444. BONNY BEST. An extra fine early variety for the home garden; a few days later than the Earliana. The color is bright scarlet; ripens evenly to the stem without crack or black spot. Very productive and a fine shipper, being even in size and packing well in a crate or basket—see illustration. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 35c, postpaid.





439½. OLDS' PINK BEAUTY. A mid-season variety and the best purple tomato. The vines are strong, vigorous and heavy bearers; fruit large, very smooth and uniform in size. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 35c.



439. OLDS' GOLDEN BEAUTY (Golden Queen). A large, smooth, pure yellow tomato. Quality excellent in all respects, either for slicing or preserving. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 40c.

441. THE HUMMER. Livingston's 1907 Introduction. Round as a ball and smooth as an apple—see illustration opposite. The Hummer is bright scarlet in color, and very productive. The flesh is crimson-scarlet and of the finest quality. The fruit is very firm and solid, in fact, a rotten tomato is seldom found. It ripens early, very even, and if picked when just turning, will carry a long distance in fine condition. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 50c.

426. ★SUCCESS. A new tomato well worthy of the name "Success." It is just right for a second early; bright scarlet, of fine flavor and handsome in appearance. The vines are strong and vigorous; fruits set in clusters and average three inches in diameter. The handsome appearance, even size and great solidity of Success make it an excellent market variety, while its deep color and solidity make it also well adapted for canning. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 35c, postpaid.

443. JUNE PINK. The earliest of all pink tomatoes. It is a good yielder of high quality and runs very smooth for an early sort—see illustration, from a photograph; similar in habit and shape to the Earliana differing from it in color only, which is pink instead of red. Pink tomatoes are much preferred in some markets. The June Pink while primarily an early tomato continues to bear and ripen fruit up to frost. The fruit is borne in clusters, single specimens often measuring 3 inches in diameter. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 35c, postpaid.

438. ★ENORMOUS. The largest and smoothest tomato grown; now recognized as the standard red tomato for great size and productiveness. The fruit is solid and firm; flesh thick, with few seeds; color, clear deep red; quality the best. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 50c.

430. NEW DWARF STONE. Another of Livingston's recent introductions. The tomatoes are perfect in shape. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 50c.

TOMATOES. Complete List.

One pound of any variety at three and one-half times the price of ¼ lb.

	By mail, postpaid.			
	pkt.	½ oz.	oz.	¼ lb.
425. ★SPARK'S EARLIANA. Very early, and remarkable for its large size	\$0.05	\$0.10	\$0.15	\$0.40
426. ★SUCCESS. Just right for a second early	.05	.10	.15	.35
427. ★NEW STONE. Best of all for main crop; large, smooth and solid	.05	.10	.15	.30
428. FORDHOOK FIRST. A very satisfactory first early	.05	.10	.15	.45
429. ★MATCHLESS. Produces large, red tomatoes the entire season	.05	.10	.15	.35
430. NEW DWARF STONE. A recent introduction; strong, upright vines	.05	.10	.15	.50
431. TRUCKERS' FAVORITE. A large, purple tomato; very productive	.05	.10	.15	.35
432. DWARF CHAMPION. A popular dwarf variety	.05	.10	.15	.45
433. NEW MAGNUS. One of the finest yet introduced	.05	.10	.15	.50
434. CHALK'S EARLY JEWEL. One of the largest and finest	.05	.10	.15	.35
435. EARLY MICHIGAN. One of the best for second early	.05	.10	.15	.35
436. EARLY ACME. The standard bright pink tomato	.05	.10	.15	.35
437. PONDEROSA (Henderson's). The largest of all	.05	.10	.15	.50
438. ★ENORMOUS. The largest and smoothest tomato grown	.05	.10	.15	.50
439. OLDS' GOLDEN BEAUTY. Large, smooth and pure yellow	.05	.10	.15	.40
439½. OLDS' PINK BEAUTY. The best midseason pink variety	.05	.10	.15	.35
440. ★OLDS' NEW GLOBE. Livingston's 1905 Introduction. Page 65	.05	.10	.15	.40
441. THE HUMMER. Livingston's 1907 Introduction. Page 65	.05	.10	.15	.50
442. NEW CORELESS. Livingston's 1908 Introduction. Page 65	.05	.10	.15	.50
443. JUNE PINK. The earliest of all pink tomatoes	.05	.10	.15	.35
444. BONNY BEST. A fine early home variety. See page 65	.05	.10	.15	.35
SMALL FRUITED VARIETIES. 445, Peach; 446, Yellow Pear; 446½, Red Pear; 447, Yellow Plum; 447½, Red Plum; 448, Red Cherry; 448½, Yellow Cherry; 449, Red Currant; 449½, Grape, each	.05	.10	.15	.40
450. SMALL FRUITED VARIETIES MIXED. Red, white and yellow	.05	.10	.15	.35
451. LARGE FRUITED VARIETIES MIXED. Tomatoes all season	.05	.10	.15	.30
455. STRAWBERRY or GROUND CHERRY. Yellow Husk Tomato. Fine for preserving or for pies	.05	.10	.15	.40

TURNIP AND RUTABAGA

Our seed is grown on the best adapted soils, and from selected stocks. Each packet contains $\frac{1}{4}$ oz. of seed, sufficient to sow 50 feet or more; 1 lb. will sow one acre in drills; 2 to 3 lbs., an acre broadcast. Those marked with a star are the varieties we specially recommend. Vitality of good seed 95%. Order by number. Two pounds or more at 5-pound rates.



460. **★PURPLE TOP STRAP LEAF.** The well-known standard variety, and a great favorite for table use. Flat in shape, purple above ground, and white below (see illustration). Our seed of this variety is of the best, and we sell more of this one sort than of all others combined. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 40c; 2 lbs., 70c, postpaid. Not prepaid: 5 lbs., \$1.10.

470. **★OLDS' HEAVY CROPPER.** Round, yellow and very productive. One of the best varieties to grow as a field crop for stock; color of skin yellow above ground, white below, flesh yellow, fine grained and sweet. Grows to a large size—see illustration, is hardy, keeps well and is the heaviest cropping variety we know of. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 40c, postpaid. Not prepaid: 5 lbs., \$1.15.



466. **★SNOWBALL.** The most suitable white turnip for table use. Skin and flesh pure white; flesh crisp, tender and very sweet—very desirable for sowing early. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 45c, postpaid. Not prepaid: 5 lbs., \$1.50.

465. **★PURPLE TOP WHITE GLOBE.** Very attractive in appearance (see illustration above); a rapid grower, with pure white flesh; a sure cropper, and a great yielder. Price, same as for Purple Top Strap Leaf.

461. **★EXTRA EARLY PURPLE TOP MILAN.** A new strap-leaved, turnip—the earliest in cultivation. The bulb is flat, of medium size, quite smooth and with a purple top. Flesh white, hard and of fine quality. It is a good keeper. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c, postpaid.

462. **★EARLY WHITE MILAN.** The tops are small, upright and compact. The roots are white and very smooth. The flesh white, mild and sweet—desirable for early use. Price same as for Purple Top Milan.

The germination of mail order seeds tested by the Department of Agriculture for five years has been 77.5 per cent and the germination of box seeds 60.5 per cent—the low vitality of box seeds is a strong argument for the purchase of mail order seeds.



We test our seeds for germination before sending them out. A record is kept of each test and a stock letter stamped on every package. By referring to this stock letter and number we can tell the germinating percentage of any particular lot of seed. Will furnish this on request.



RUTABAGA.

475. ★OLDS' IMPROVED PURPLE TOP. An improved strain of the well-known standard variety. It is a heavy yielder and without tendency to long neck. It is hardy, productive, a good keeper and very satisfactory for both table use and stock. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 45c, postpaid. Not prepaid: 5 lbs., \$1.50.

476. ★IMPROVED YELLOW MAMMOTH. In our opinion the most profitable sort to grow, as it is the hardiest, heaviest, best shaped and most productive. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 45c, postpaid. Not prepaid: 5 lbs., \$1.50.

479. OLDS' GOLDEN HEART. A new variety, fine grained, mild and sweet. W. H. Mayo, of Valton, Wis., says: "You have a valuable prize in your new Rutabaga. It is not only fine grained, but is also a heavy yielder, making it a profitable crop to raise for the table or for stock feeding." Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 60c, postpaid. Not prepaid: 5 lbs., \$2.25.

An illustrated book on "Home Floriculture," free with an order for flower seed, plants and bulbs amounting to \$2.00 or more.

TURNIP AND RUTABAGA. Full List.

If ordered by express or freight, deduct 10c per lb.

	By mail, postpaid.			
	pkt.	oz.	¼ lb.	lb.
460. ★PURPLE TOP STRAP LEAF. A well-known standard variety.....	\$0.05	\$0.10	\$0.15	\$0.40
461. ★EXTRA EARLY PURPLE TOP MILAN. The earliest turnip.....	.05	.10	.20	.60
462. ★EARLY WHITE MILAN. A rapid grower and very handsome.....	.05	.10	.20	.60
463. ★WHITE FLAT DUTCH. Flat, smooth, white, of medium size and a quick grower; one of the best. 5 lbs., not prepaid, \$1.50.....	.05	.10	.15	.45
464. ★WHITE EGG. A quick grower, egg-shaped, smooth, with small top....	.05	.10	.15	.50
465. ★PURPLE TOP WHITE GLOBE. An early variety, globe-shaped.....	.05	.10	.15	.40
466. ★SNOWBALL. Best white turnip for table use.....	.05	.10	.15	.45
467. ★COW HORN. Grows large; fine for fall or winter.....	.05	.10	.15	.40
470. ★OLDS' HEAVY CROPPER. Round, yellow and very productive....	.05	.10	.15	.40
471. ★GOLDEN BALL. The best yellow turnip for table use.....	.05	.10	.15	.40
472. ★YELLOW ABERDEEN. The best yellow turnip for stock.....	.05	.10	.15	.40
474. ★MIXED. Purple, white and yellow turnips all summer.....	.03	.05	.10	.30
475. ★OLDS' IMPROVED PURPLE TOP RUTABAGA. The old standard....	.05	.10	.15	.45
476. ★IMPROVED YELLOW MAMMOTH RUTABAGA. Of good shape.....	.05	.10	.15	.45
477. ★NEW NECKLESS RUTABAGA. Globe-shaped; yellow flesh.....	.05	.10	.15	.50
478. ★OLDS' LARGE WHITE. Skin white; flesh white and sweet.....	.05	.10	.15	.40
479. ★OLDS' GOLDEN HEART. Fine grained, mild and sweet.....	.05	.10	.20	.60
479½. ★MIXED. A fine assortment of yellow and white rutabagas.....	.05	.10	.15	.35

**TOBACCO SEED.**

We are located in the Wisconsin tobacco district and offer below the best seed that can be procured. Our packets each contain ⅛ oz. of seed; one ounce of seed will plant an acre.

500. COMSTOCK'S SPANISH. The favorite variety in Wisconsin. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 80c, postpaid.

501. CONNECTICUT SEED LEAF. Leaves of good length and width and the variety best adapted to the middle and northern states. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 45c.

502. IMPROVED WHITE BURLEY. An improved strain of the tobacco that has made Tennessee famous. It has a broad leaf and is much used for wrappers. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 50c, postpaid.

No. 3. STAR COLLECTION.
 57c Worth for 25c.

This Collection is a very popular one and most suitable for an early garden. One packet each—10 pkts. in all—for 25 cents: Beet 44, Cabbage 71, Cucumber 168, Lettuce 215, Muskmelon (Rocky Ford) 244, Onion (Red Globe) 298, Parsnip (Improved Guernsey) 310, Radish 371, Spinach 402, and Tomato 428.

On account of the liberal discount on packets—see page 33—we have discontinued most of our Collection offers.

If you have anything new that is good, write us about it. Better yet, send us a photograph of it. We will pay the cost of the photograph and if we can do so will use it.

See pages 34 and 77 for other collection offers.

No. 6. BEST BARGAIN COLLECTION.
 \$1.33 Worth for 50c.

This Collection is our best bargain in vegetable seeds—no two alike. It includes our "Star" Collection—10 pkts. most suitable for an early garden, together with one packet each: Beet 51, Cabbage 79, Carrot 103, Celery 115, Sugar Corn (fine for early) 135, Sugar Corn (excellent for late) 146, Cucumber (king of picklers) 158, Lettuce (a sure header) 217, Muskmelon (Netted Gem) 237, Watermelon 261, Onion 285, Radish 370, Squash 413, Tomato 427, and Turnip 461. 25 packets in all for 50 cents.

Write us about it. Better yet, send us a photograph of it. We will pay the cost of the photograph and if we can do so will use it.

FLOWER SEED DEPARTMENT

Our Flower Seeds are equal to the best offered anywhere. Our list has been revised, new varieties of merit added and inferior sorts thrown out.

We allow a Cash Discount of from 25 to 35 per cent on Flower Seeds by the packet (see page 33) and if the order amounts to 25 cents, or more, a full sized packet of Old Fashioned Garden Mixture, free, on request.

Order by the number, as shown at the left of each variety. Wherever the following abbreviations occur, A indicates Annual, one that grows, blooms and dies the first year from seed; B indicates Biennial, that blooms the second year from seed; P indicates Perennial, that usually blooms the second year from seed, and continues to grow and bloom several years—if sown early, some Biennials and Perennials will bloom the first year; H means Hardy, H H means Half Hardy, and T Tender—thus, H. H. A. is a Half Hardy Annual.

ASTERS.

Packets contain about 150 seeds each.

No plant produces a more handsome effect, and no garden is complete without these old favorites; of easy culture. H. A.

800. Olds' Finest Mixed. Largest flowering finest mixed. This is a mixture of the best varieties; large flowers; bright colors and a splendid assortment. These Asters are very fine, having been grown from the best selected stocks. Pkt., 10c; 2 pkts., 15c.

801. Peony Flowered Mixed, Truffaut's. Plants literally covered with large, double flowers of rich, brilliant colors. Pkt., 5c.

802. Giant Comet Mixed. Immense double flowers, resembling chrysanthemums. Pkt., 5c.

803. Victoria Mixed. Very handsome. The petals curve out and down, while those of the Peony Flowered curve up and in. Pkt., 5c.

804. Chrysanthemum — Flowered. Dwarf mixed; large, handsome flowers. Pkt., 5c.

806. White Ostrich Plume. Without doubt one of the finest asters grown. Large, graceful flowers, free from all stiffness; very suitable for cut flowers. Pkt., 5c; 3 pkts., 10c.

807. Model Ostrich Plume. A new distinct variety; bright rose colored flowers. Pkt., 5c.

808. White Perfection. Page 70. Pkt., 20c.

809. New Japanese. A very striking variety. Tassel-shaped flowers. Pkt., 10c; 2 pkts., 15c.

810. Snowball. The best dwarf, white aster. A profuse bloomer; snow-white flowers of immense size. Pkt., 5c.

810½. Peach Blossom. A decided and most pleasing shade of lavender pink. The flowers are large and thick and have a massive effect. The plants produce long stems that hold the flowers up at all times. Pkt., 20c; 2 pkts., 35c.

Cultural directions in the shape of a small booklet with every order.



811. Daybreak. Delicate pink, globe-shaped flowers. Pkt., 5c.

812. Alice Roosevelt. Delicate yellow, changing to flesh color. Pkt., 5c.

813. Violet King. Handsome, double, violet-colored flowers. Pkt., 5c.

814. White Hercules. Strong stems 15 to 20 inches high; pure white flowers 6 to 7 inches in diameter. Pkt., 10c; 2 pkts., 15c.

815. Vick's Cardinal. The best bedding aster yet introduced. Pkt., 5c.

816. Purity. Large double flowers, of fine form and pure snowy whiteness. To secure the largest flowers, plant early in spring. Pkt., 10c.

816½. Pink Enchantress. Page 70. Pkt., 20c; 2 pkts., 35c.

817. Christmas Tree. Large flowers; plants compact and pyramidal in form. Pkt., 5c.

818. Mikado Pink. A new variety, recently chosen the representative flower of the city of Rochester, N. Y., and probably the most popular Aster of today. Long graceful stems, producing large, delicate lavender pink flowers. Pkt., 5c.

819. Upright Pink. A single plant of this variety is a bouquet in itself. When the flower first opens it is almost white, shading to a decided lavender pink when in full bloom. Pkt., 5c.



964. A New White Bush DOLICHOS. Very ornamental. See illustration above. Pkt., 10c; 2 pkts., 15c.

No matter what you order from this catalogue, you can rest assured you will get full returns for your money.

\$0.50 worth of Flower Seeds in Pkts. for	\$0.35
1.00 " " Flower Seeds " Pkts. "	.65
1.50 " " Flower Seeds " Pkts. "	.95
2.00 " " Flower Seeds " Pkts. "	1.15

TWO NEW ASTERS. One packet each 35 cents.

808. White Perfection. The finest midseason white aster in cultivation. The flowers are four inches in diameter, of fine form and produced on tall upright plants—see illustration above. Pkt., 20c; 2 pkts., 35c.



816½. Pink Enchantress. A very attractive, new variety. The flowers are large and full; borne on long, graceful stems. The color is a soft delicate pink and usually lasting. Pkt., 20c; 2 pkts., 35c.



ABUTILON (Chinese Bell Flower). A splendid house plant. T. P.

820. Fine Mixed. Extra fine. Pkt., 10c.

AGERATUM (Floss Flower). Fine bedding plants; valuable for borders. H. H. A.

825. Fine Mixed. Pkt., 5c.

ALYSSUM. A great favorite. H. A.

830. Sweet Maritimum. White. Pkt., 5c.

831. Little Gem. Snow-white. Pkt., 5c.

832. Little Dorrit. Very compact; excellent for beds or borders. Pkt., 5c.

AMARANTHUS. A very strong and rapid grower; ornamental foliage. H. H. A.

835. Splendens. Finest mixed. Pkt., 5c.

ANTIRRHINUM (Snapdragon). Very showy; blooming first season from seed. H. P.

840. Dwarf Mixed. Compact. Pkt., 5c.

841. Giant Fragrant. Mixed. Large, double, fragrant flowers. Pkt., 5c.

842. Snowflake. Pure white. Pkt., 5c.

843. Pink Beauty. Large, rich, rose-colored flowers—see illustration opposite. Pkt., 10c.

AQUILEGIA (Centaurea). Splendid for permanent borders; of easy culture. H. P.

845. Double Mixed. Very fine. Pkt., 5c.

ASPARAGUS PLANT. A beautiful plant for the house; easily raised from seed. It can be started any month of the year.

850. Plumous Nanus. Pkt. (25 seeds), 15c.

BACHELOR'S BUTTON (Centaurea Cyanus). Free flowering plant; blooms until frost. H. A.

855. Mixed. Very choice. Pkt., 5c.

BALSAM. Pkts. contain 30 to 50 seeds.

Balsams, like asters, are one of our specialties. Our strain cannot be excelled. Large double flowers in great abundance. H. A.

860. Olds' Camelia Flowered Mixed. Large, perfect, double flowers. Mixed colors. Pkt., 5c.

861. White Perfection. Pkt., 5c.

CALENDULA (Pot Marigold). Profuse bloomers all summer. H. A.

865. Double Mixed. Fine shades. Pkt., 5c.

CALIFORNIA POPPY (Eschscholtzia). Compact and bushy; fine foliage, covered with a mass of showy flowers. H. A.

870. Fine Mixed. Many colors. Pkt., 5c.

871. Rose Queen. Rose carmine. Pkt., 5c.

872. Carmine King. Carmine rose. A new and distinct color in this charming annual; novel, brilliant and very effective. Pkt., 5c.

CALLIOPSIS (Coreopsis). One of our best free blooming summer plants; of easy culture.

875. Fine Mixed. Fine for cut flowers. Pkt., 5c.

CANARY BIRD FLOWER. One of the most desirable climbers, producing yellow-fringed flowers throughout the whole season. H. H. A.

880. *Tropaeolum Canariense*. Pkt., 5c.

CANDYTUFT. One of the most popular flowers grown; fine for beds or edgings. H. A.

885. Olds' Choice Mixed. A fine assortment of sorts and colors mixed. We have been very careful with this mixture—try it. Pkt., 5c.

886. *Giant Empress*. A new sort. Flowers borne on long spikes. Pure white. Pkt., 5c.

887. *Snowflake*. Free flowering. Pkt., 5c.

888. *Dwarf Hybrids Mixed*. Dwarf and compact. Pkt., 5c.

CANNA, Large Flowering French. A new and distinct class of Cannas of dwarf habit and producing very large flowers.

890. *Crozy's Best Mixed*. All the finest colors. Soak the seed twelve hours in warm water before sowing. Pkt., 5c; oz., 20c.

CANTERBURY BELLS (*Campanula Medium*). Handsome, rich and stately; profuse bloomers.

895. *Mixed*. Best and most striking single and double varieties. Pkt., 5c.

CARNATIONS. From seed. Carnations will bloom in about four months after sowing—seed sown in the fall, slightly protected over winter, will produce plants in full bloom early in the spring. H. H. P.

900. *Marguerite*. New Giant; producing large flowers of fine form—illustrated on page 70. Pkt., 5c.

CELOSIA (*Cockscomb*). Plume-shaped flowers. 905. *Ostrich Plume*. Crimson flowers, curled like an ostrich plume. Pkt., 5c.

CENTAUREA. Profuse bloomers, suitable for bouquets and general floral decoration. H. A.

910. *Margaret*. Pure white flowers. Pkt., 5c.

911. *Imperialis*. A new, sweet-scented *Centaurea*; very showy. Pkt., 5c.

CHRYSANTHEMUM. Blooming continually all summer; suitable for pot culture. H. A.

915. *Mixed*. Single and double. Pkt., 5c.

916. *Snowball*. Large, perfect, pure white flowers. Pkt., 5c.

917. *Dwarf Golden Gem*. Compact. Pkt., 5c.

918. *Dwarf Primrose*. Bright primrose. See illustration above. Pkt., 5c.

COBAEA SCANDENS. One of our finest summer climbers, a very rapid grower. H. H. P.

920. *Purple*. Bell-shaped flowers. Pkt., 5c.

COSMOS. A very handsome flower, becoming more popular every year. One of the last flowers to bloom in the fall; fine for vases. H. H. A.

925. *Giant-Flowered Mixed*. Pkt., 5c.

926. *Early Dwarf Dawn*. A new variety. Blooming in July and until frost. Pkt., 5c.

927. *Lady Lenox*. A new giant-flowered variety—illustrated above. Pkt., 5c.

928. *Mammoth White Perfection*. An improved variety; fine for vases, keeping several days in water. Pkt., 5c.

CYPRESS VINE. A very beautiful climber.

930. *Mixed*. Rose, scarlet and white. Pkt., 5c.

931. *Ivy Leaved*. A new scarlet variety with ivy-shaped leaves. Pkt., 5c.

CYCLAMEN. A beautiful pot plant, flowering from seed the first year.

933. *Giant Flowered*. *Mixed*. 25 seeds, 15c; 15 seeds, 10c.

DAHLIAS.

From Seed; blooming the first season. H. H. P. *Dahlia Bulbs*, page 79.

935. *Double Mixed*. Large flowering. Pkt., 5c.

936. *Superb Single*. *Mixed colors*. Pkt., 5c.

937. *Double Peony Flowered*. Large flowers from seed. See illustration, page 72 (a photograph). Pkt., 10c; 2 pkts., 15c.

DOUBLE DAISIES.

One of the most charming early spring flowers; very easily raised from seed. H. H. P.

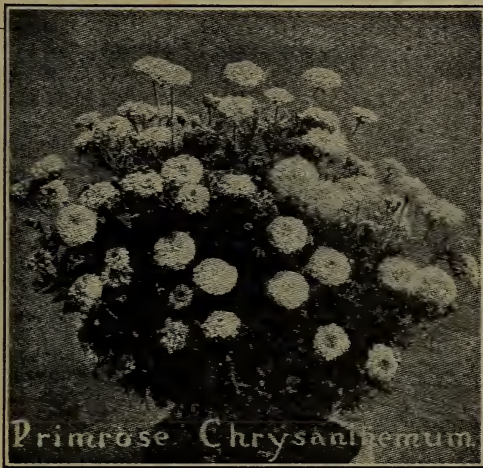
940. *Fine Mixed*. All colors. Pkt., 5c.

941. *New Snowball*. Very large and double. Pure white. Pkt., 5c.

942. *The Bride*. Pure white. Pkt., 7c.

943. *Delicata*. White, tinged with rose. 5c.

944. *Shasta*. A new sort, with very large, graceful flowers. Pkt., 5c.



Primrose Chrysanthemum

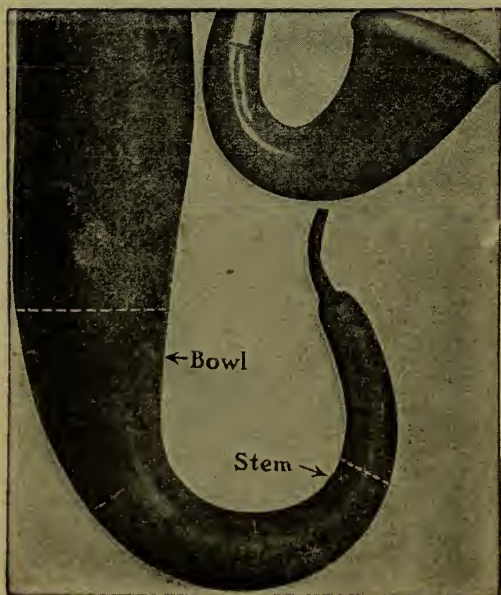
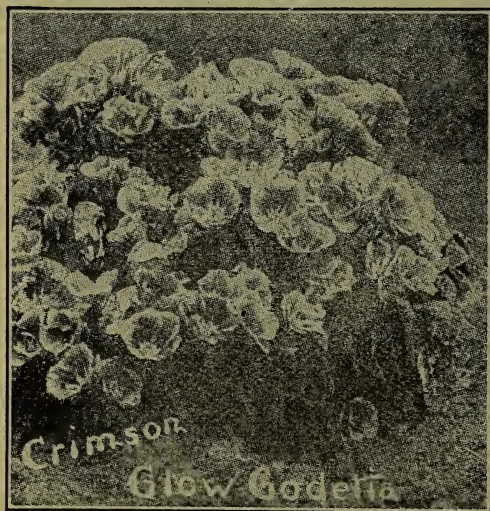


COSMOS
LADY LENOX



GOLDEN
ORANGE
DAISY

944½. *Golden Orange DAISY*. A new annual for the summer garden. Large, bright, rich, golden-orange colored flowers—illustration above. Pkt., 10c.



DATURA. Showy trumpet-shaped flowers. H. A.
945. *Cornucopia* (Horn of Plenty). Pkt., 5c.

DIANTHUS.

One of the most bountiful bloomers the garden can contain; blooming the first summer and also the second if protected over winter. H. B.

950. Double Chinese. Extra choice. 5c.

951. Single Chinese. Extra fine. Pkt., 5c.

952. *Imperialis fl. pl.* Mixed colors. 5c.

953. Little Gem. With carmine eye. 5c.

954. Purity. Pure white. Pkt., 5c.

955. Snowdrift. One of the most beautiful pinks ever introduced. Pkt., 5c.

956. New Japanese Pink. A new variety, producing very large flowers; laced and fringed and of many distinct colors. Pkt., 5c.

DOLICHOS (*Hyacinth Bean*). A rapid growing climber; pea-shaped blossoms.

960. Mixed. Very striking. Pkt., 5c.

964. New White Bush. Page 69. Pkt., 10c.

EVERLASTING FLOWERS. Beautiful flowers of a great variety of color. H. A.

965. *Helichrysum*. Very fine. Pkt., 5c.

FORGET-ME-NOT (*Myosotis*). Everybody's favorite. Star-like flowers. Blooming first year.

970. Mixed. Many colors. Pkt., 5c.

FOUR O'CLOCK (*Marvel of Peru*). H. A.

975. Fine Mixed. Pkt., 5c.

FUCHSIA (from seed). This well-known plant can easily be grown from seed.

980. Double Mixed. Pkt., 15c; 2 pkts., 25c.

GAILLARDIA (*Blanket Flower*). Very desirable for masses, borders and for cutting. H. H. A.

985. Double Mixed. Round as a ball. Pkt., 5c.

GODETIA. Constant bloomers, very attractive, and well adapted to any soil. H. A.

990. Finest Mixed. Sure to please. Pkt., 5c.

991. Sunset. Rosy crimson. Pkt., 5c.

992. **Crimson Glow.** Bright crimson. See illustration opposite. Pkt., 5c.

GOURDS, Ornamental. Also useful as well as ornamental. T. A. See page 50 for named sorts.

995. Mixed. Many sorts. Pkt., 5c.

996. **Chinese Bottle.** Useful as well as ornamental. Pkt., 5c; ½ oz., 15c.

997. **Genuine Pipe.** Comes true to name. See below. Pkt., 5c; ½ oz., 15c.

HELIOTROPE. From seed the first year. Produces delicate blue and white flowers the entire season; very fragrant. H. H. P.

1000. **Choice Mixed.** Pkt., over 500 seeds, 7c.

HOLLYHOCK. A perennial. Seed sown in June or July will produce plants that will bloom early the next summer. H. P.

1005. **Double Mixed.** Producing the largest and finest double flowers. Pkt., 5c.

HUMULUS (*Japanese Hop*). A rapid growing climber, with luxuriant foliage. H. A.

1010. **Japonicus.** Withstands heat, drought and insects. Pkt. of over 50 seeds, 5c.

LARKSPUR, Tall Rocket. One of the best known of our garden flowers. H. A.

1015. **Fine Mixed.** Best varieties. 5c.

LATHRYUS (*Everlasting Peas*). Very attractive and effective.

1020. **Litifolius Mixed.** Pkt., 5c.

LOBELIA (*Cardinal Flower*). For edgings.

1025. **Mixed.** Dwarf varieties. 5c.

MARIGOLD. Very effective for beds or borders, of easy culture. H. H. A.

1030. **Mixed.** Dwarf French. Pkt., 5c.

MIGNONETTE. A great favorite; sweet and fragrant. H. A.

1035. **Pure Machet.** An extra fine strain. Dwarf and compact. Pkt., 5c.

1036. **Yellow Prince.** Large canary-yellow flowers; dwarf and compact. Pkt., 5c.

1037. **White Pearl.** This is a new variety; white-flowered machet. Pkt., 10c; 2 pkts., 15c.

MOONFLOWER (*Ipomoea Noctiflora*).

1040. **White Seeded.** Pkt., 5c.

1041. **White.** Ivy Leaved. Pure white. 5c.

1042. **Pink.** Ivy Leaved. Rosy pink. 5c.

MORNING GLORIES.

The Finest Annual Climbers in Existence. We take delight in our Morning Glories.

1045. **Imperial Japanese.** Wonders of nature. Pkt., 5c; oz., 20c; ¼ lb., 60c.

1046. **Dwarf Mixed.** Pkt., 3c; oz., 20c.

Genuine Pipe or Calabash Gourd (997). A rapid growing vine, producing fruits which are used in the manufacture of calabash pipes. This gourd comes true to name—see illustration above. Pkt., 5c; ½ oz., 15c. Other useful gourds—page 50.

ROSES AND OTHER CHOICE PLANTS.

Catalogue free on request—See page 80.

NASTURTIUMS.

Dwarf or Tom Thumb Varieties are unrivaled in beauty. They bloom profusely and are well adapted to poor soil.*

1050. Dwarf Mixed. All choice colors. Pkt., 3c; oz., 5c; ¼ lb., 15c.

1051. Empress of India. Deep crimson, dark leaved. Pkt., 5c; oz., 10c.

1052. Ladybird. Golden yellow, barred with crimson. Pkt., 5c; oz., 10c.

1053. Chameleon. Dwarf French, variegated colors. Pkt., 5c; oz., 10c.

1054. Dwarf Fireball. A new distinct variety, with deep orange-scarlet flowers. Pkt., 5c; oz., 10c.

1054½. Dwarf Beauty. Compact plants; bright scarlet flowers; well above the foliage. Pkt., 5c; oz., 15c.

1055. Queen of Tom Thumbs. Plants dwarf and compact; silver variegated foliage; bright crimson flowers. Pkt. (¼ oz.), 7c.

See page 80 for our book on Roses and other choice plants, also a 175 page illustrated book on Home "Floriculture."

**TALL NASTURTIUMS.**

The tall varieties are suitable for trellis, porch or veranda decorations, and no flower is more attractive or brighter than these.

1060. Tall Mixed. The finest assortment. Pkt., 5c; oz., 10c; ¼ lb., 15c.

1061. Scarlet Beauty. Variegated-leaved. 5c.

1062. Crimson Beauty. Variegated-leaved. 5c.

1063. Ivy Leaved. A new, distinct variety; ivy-shaped leaves. Pkt., 5c; oz., 15c.

A NEW NASTURTIUM.

1056. Dwarf Silver Queen. A new variety, sure to please and one that will be a great favorite when better known. The plants are dwarf and compact. The foliage is silver variegated (illustrated opposite) and gives a very pleasing effect; cream colored flowers, lightly flaked or splashed with scarlet. Pkt., 10c; 2 pkts., 15c.

THIS CATALOGUE is mailed without request to all who have ordered in the last three years. Please notify us of any change of address.

We have for introduction this year a new Pepper—page 60. Order anything from this catalogue amounting to \$1.00 or more and we will give, free on request, a sample packet.

Mrs. Lilla Ryan, of Sharon Farm, Mar. 9th, 1913, writes: "I received the plants you sent me in good condition and I certainly appreciate the care you have taken with them."

CLIMBING NASTURTIUMS.

Flowers are borne in great profusion.

1065. Lobbs' Mixed. Pkt., 3c; oz., 5c.

1066. Madam Gunther's Hybrids. A new sort, very choice. Pkt., 5c; oz., 10c.

One-quarter pound of any Nasturtium at three and one-half times cost of one ounce, when not otherwise mentioned; 1 lb., 3½ times cost of ¼ lb. By express or freight, not prepaid, 10c. per lb. less.



NICOTIANA. Bushy plants laden with bright red flowers; of easy culture.

1070. Sanderae. Hardy Annual. Pkt., 5c.

PANSIES. Giant Prize and other choice varieties, with illustrations—page 74.

Earle G. Selner, Mishawaka, Ind., July 20th, 1913, says: "We have tested your seeds and find them more than expected. Please send me your catalogue of Roses and other choice plants."

Page 80 for book on Roses and other plants.

PETUNIAS.

The Petunia is the people's flower. Very showy in beds and masses; a universal favorite on account of its richness of color, fragrance and continuous blooming. H. H. P.

1100. OLDS' FINEST MIXED. Everybody loves petunias—they are such free bloomers, but many are often disappointed because the flowers are so small. Olds' Finest Mixed produces the largest flowers—see illustration opposite. Pkt., 25c.

1101. Fine Mixed. Large flowers of the finest colors mixed. Pkt., 15c; 2 pkts., 25c.

1102. Choice Mixed. A free bloomer, producing in great abundance, bright flowers. Pkt., 5c.

1105. Snowball. Pure satiny white flowers, suitable for edgings. Pkt., 5c.

1106. Giant Excelsior. A new large-flowering variety. The Excelsior is a strong, vigorous grower, producing large flowers in a grand variety of colors. Pkt., 20c.

1109. Double Mixed. Very handsome large flowers. Pkt. (30 seeds), 10c.

We have for introduction this year a new Pepper—page 60. Order anything from this catalogue amounting to \$1.00 or more and we will give, free on request, a sample packet.

25 to 35 per cent cash discount on flower seeds, by the packet.—See page 33.



'OLDS' GIANT PRIZE AND OTHER PANSIES.

Finest Selection of Pansies that can be found anywhere. Choice pansy seed is our greatest specialty in Flower Seeds—nothing is more important in our select list, and we have spared no trouble or expense to have the very best. Our packets contain about 150 seeds each.



1075. OLDS' GIANT PRIZE MIXED. This seed produces the largest, richest and best formed flowers of any we have ever offered, and we believe, from our own trials, there is no better pansy mixture to be had anywhere or at any price—see illustration, a photograph reduced in size. Pkt., 25c; 3 pkts., 60c; 6 pkts., \$1.00.

1076. INTERNATIONAL MIXED. A very fine mixture of pansy seed, gathered from all nations; saved from named exhibition flowers. The usual price of this mixture is 25 cents per packet. Pkt., 20c; 3 pkts., 50c; 7 pkts., \$1.00.

1077. OLDS' LARGE FLOWERING. A superb mixture, producing large flowers, of a great variety of charming colors—the best German varieties mixed. Pkt., 15c; 2 pkts., 25c; 5 pkts., 50c.

1078. OLDS' ROYAL MIXED. A choice mixture of English large-flowering varieties; including the newest, richest and finest sorts. Pkt., 10c; 2 pkts., 15c.

Any one sending us the names of ten prospective buyers can have a packet of No. 1078 free in addition to their order—please mention it when ordering. This is in addition to any other offer.

1079. GIANT TRIMARDEAU MIXED. Large flowers; rich and varied shades. Each flower is marked with three large blotches. Pkt., 5c.

1080. MASTERPIECE. A new, distinct variety; large, beautifully colored flowers. The petals are frilled and ruffled, giving the flower a unique double appearance. Pkt., 10c.

1081. HERCULES GIANT. An abundant bloomer, with no small flowers; petals very large and rich in coloring and markings. Pkt., 15c; 2 pkts., 25c.

1082. MATCHLESS. A new variety; perfectly formed flowers, with a matchless variety of art color shades, which must be seen to be fully appreciated. Pkt., 15c; 2 pkts., 25c.

1083. PRINCESS. A new distinct variety. The stalks are firm, strong and upright; flowers freely. Pkt., 15c.

BEDDING PANSIES.

Named sorts. Any 3 packets for 10 cents.

1085. SNOW QUEEN. Pure white, center slightly tinged with yellow. Pkt., 5c.

1086. FAUST. King of the blacks. Pkt., 5c.

1087. GOLDEN GEM. Golden yellow, without black center. Pkt., 5c.

1088. SUNSHINE. Striped and mottled. Pkt., 5 cents.

One pkt. each, and 1 pkt. Royal Mixed, amounting to 30c, for 25c.

WHITE HOUSE PANSIES.

Named sorts. Of the largest size, finest form and good substance. Any 2 pkts., 15c.

1090. PRESIDENT McKINLEY. Very effective. Black, bordered with yellow. Pkt., 10c.

1091. GIANT PURE WHITE. Large, pure white flowers, without blotches. Pkt., 10c.

1092. BLACK PRINCE. Giant jet black flowers. Pkt., 10c.

1093. GOLDEN QUEEN. Large, pure golden yellow, shaded with canary. Pkt., 10c.

PHLOX DRUMMONDII.

1110. OLDS' FINEST MIXED. Every one is attracted by a showy flower—there are none more brilliant than our Finest Mixed Phlox. Page 75. Pkt., 10c; 2 pkts., 15c.

1111. Grandiflora Mixed. Large-flowering mixed varieties. Pkt., 5c.

1112. Drummondii Fine Mixed. Pkt., 5c.

1113. New Dwarf Cicily. Large red and purple flowers, with a distinct white eye. Pkt., 5c.

1114. Starred and Fringed. A distinct variety; star-like flowers. Pkt., 5c.

1115. Grandiflora Alba. Large, pure white flowers; fine for borders. Pkt., 5c.

1116. New Yellow. Flowers extra large; of a rich straw yellow. Pkt., 5c.

1117. Snowball. Flowers pure white; resembling snowballs. Pkt., 5c.

1118. Double Mixed. Fine for cutting, lasting better than the single sorts. Pkt., 5c.

A 175 page illustrated book on "Home Floriculture," telling how to cultivate and grow flowering plants, for 25c postpaid, or free with an order for flower seed, plants and bulbs amounting to \$2.00 or more.

Catalogue free on request—See page 80.



ROSES AND OTHER CHOICE PLANTS.

OLDS' FINEST MIXED PHLOX**POPPIES.**

Great favorites with everybody—old-fashioned but very showy; greatly improved varieties. See illustration opposite.

1120. Olds' Finest Mixed. Very large flowers, of good form and substance. Pkt., 5c.

1121. Improved Carnation. Double mixed. A splendid mixture. Pkt., 5c.

1122. Reselected Shirley. Compact. 5c.

1123. White Swan. Double white; very effective and desirable. Pkt., 5c.

1124. Double Yellow. A new color. 5c.

1125. Santa Rosa. A new poppy. 5c.

1126. Admiral. A striking variety; large, smooth-edged flowers; white, with a broad band of brilliant scarlet around the top. Pkt., 5c.

1127. Marion. The Carnation—Flowered Poppy. Pkt., 5c.

1128. Iceland Mixed. Beautiful and fragrant; excellent for vases. Pkt., 5c.

1129. Black Prince. A choice new single variety; brilliant brown in color. Pkt., 5c.

1129½. King Edward. Deep scarlet with a large blotch at the base of each petal. Pkt., 5c.

PORTULACA. Unrivalled for beauty. H. A.

1130. Double Flowering. A fine assortment of choice double flowers. Pkt., 5c.

1131. Single Mixed. All colors. Pkt., 5c.

PLATYCODON. Easily raised from seed. H. P.

1133. Japonicus. Fl. Pl. The Japanese Bell Flower. Pkt., 10c.

PRIMULA (Chinese Primrose). Easily grown from seed. Sow early and transplant.

1135. Large Flowering. Mixed. Pkt., 20c.

1137. Giant Pink. Best pink. Pkt., 25c.

1138. Giant White. Best white. See illustration opposite. Pkt., 25c.

1139. Obconia. Grandiflora mixed. 10c.

RICINUS (Castor Oil Bean). Tall-growing ornamental plants; useful as centers for beds.

1140. Mixed. 6 to 15 ft. high. Pkt., 5c.

SALPIGLOSSIS (Velvet Flower). A great favorite. A continual bloomer. H. H. A.

1145. Fine Mixed. Very ornamental. 5c.

SALVIA SPLENDENS (Flowering Sage). Very popular. H. H. P.

1150. Scarlet Sage. Brilliant flowers. 5c.

1151. Fireball. Covered with brilliant spikes; flowers resembling balls of fire. Pkt., 10c.

1152. Patens. Bright blue flowers. 10c.

1153. Bonfire. The most effective and gorgeous plant in cultivation—see illustration opposite. Pkt., 10c; 2 pkts., 15c.

SCABIOSA (Mourning Bride). Splendid border plants. H. A.

1155. Double Mixed. Large flowering. 5c.

1156. Snowball. Best double white. 5c.

1157. Golden Yellow. A desirable color. 5c.

SCHIZANTHUS (Butterfly Flower). H. A.

1160. Mixed. Very picturesque. Pkt., 5c.

SMILAX. The finest thing out. T. A.

1165. Fine for hanging baskets. Pkt., 5c.

STOCKS. Large Flowering. Ten Weeks. Prized for their fine display of color. H. H. A.

1170. Finest Mixed. Choice colors. 5c.

1171. White Princess. Best white. 5c.

1172. Primrose. Best large primrose. 7c.

STOKESIA (Corn Flower Aster). 1175. Cyanea. For borders. Pkt., 5c.

SUNFLOWER. Desirable for any location.

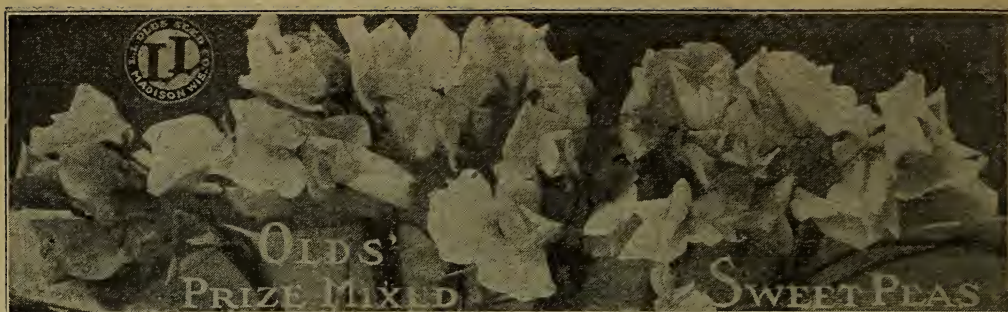
1180. Chrysanthemum Flowered. Bright golden yellow, double flowers. Pkt., 5c; oz., 20c.

1181. Double Globe. Double flowers. Pkt., 5c.

1182. Miniature. Bright and showy. Pkt., 5c.

1183. Double Star Shaped. Pkt., 5c.





OLDS' PRIZE MIXED.

1200. This mixture is from the best, newest, largest-flowering sorts,—Giants of California,—and is unsurpassed. The seed has been carefully grown from selected stocks. It includes also Eckford's latest introductions. There are no better colors offered in any collection. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

EARLIEST OF ALL.

1201. This pink and white sweet pea blooms 10 days in advance of any other; highly prized by florists. Pkt., 5c; oz., 10c; ¼ lb., 30c.

ECKFORD'S MIXED.

1202. This strain contains a fine assortment of Eckford's varieties. Pkt., 5c; oz., 10c; ¼ lb., 25 cents.

SPENCER VARIETIES.

SPENCER TYPE MIXED (1203). This mixture is made up of the best, newest and largest flowering, Spencer varieties. Pkt., 5c; oz., 10c; ¼ lb., 32c; lb., \$1.15.

WHITE SPENCER (1205). Large pure white flowers, of the Countess Spencer type; the flowers are of good substance and keep well after being cut. Pkt., 5c; oz., 10c; ¼ lb., 30c.

PRIMROSE SPENCER (1212). Large primrose-colored flowers, a fitting companion to White Spencer; flowers well placed on long thick stems. Pkt., 5c; oz., 10c; ¼ lb., 28c.

MRS. ROUTZAHN (1217½). Cream with a decided rose edge. Pkt., 5c; oz., 10c; ¼ lb., 30c.

AURORA (1218½). Orange rose striped on white ground. Pkt., 5c; oz., 15c; ¼ lb., 50c.

QUEEN VICTORIA (1219½). A very fine soft yellow. Pkt., 5c; oz., 15c; ¼ lb., 45c.

APPLE BLOSSOM (1225½). Crimson pink and white shaded. Pkt., 5c; oz., 10c; ¼ lb., 35c.

COUNTESS SPENCER (1234½). Bright, clear pink; large blossoms. Pkt., 5c; oz., 10c.

KING EDWARD VII (1238½). The best dark rich red. Pkt., 5c; oz., 10c; ¼ lb., 30c.

LATER INTRODUCTIONS OF ECKFORD AND OTHERS.

The following list contains the best named varieties, selected from those of recent introduction. Except where otherwise noted. Pkt., 5c; oz., 10c; ¼ lb., 25c.

PURE WHITE.

One packet each, 25 cents.

- 1206. Blanche Burpee.
- 1207. Emily Henderson.
- 1208. Sadie Burpee.
- 1209. Dorothy Eckford.
- 1210. White Wonder.
- 1211. Nora Unwin.

LIGHT SHADES.

- 1213. Dainty.
- 1214. Modesty.
- 1214½. Lady Mary Currie.
- 1215. Evelyn Byatt.
- 1215½. Mrs. Eckford.
- 1216. Golden Rose.
- 1216½. Aurora.
- 1217. Mrs. Jos. Chamberlain.
- 1218. Senator.
- 1219. Stella Morse.
- 1220. Countess of Radnor.

LAVENDER and LIGHT BLUE.

- 1220½. Lottie Eckford.
- 1221. Helen Pierce.
- 1222. Dorothy Tennant.
- 1223. Frank Dolby.
- 1224. Lady Grisel Hamilton.
- 1224½. New Countess.

SHADES OF PINK.

- 1225. Apple Blossom.
- 1226. Janet Scott.
- 1227. Blanche Ferry.
- 1228. Gladys Unwin.
- 1229. Mrs. Alfred Watkins.
- 1230. Katherine Tracy.
- 1231. Blanche Ferry Ex. Early.
- 1232. Lovely.
- 1233. Prima Donna.
- 1234. Triumph.

SHADES OF RED.

- 1235. Her Majesty.
- 1236. E. J. Castle.
- 1237. Mars.
- 1238. Salopian.
- 1239. King Edward VII.
- 1239½. America.

BLUE AND PURPLE.

- 1240. Captain of the Blues.
- 1241. Navy Blue.
- 1242. Countess of Cadogan.
- 1243. Emily Eckford.
- 1244. Horace Wright.
- 1244½. Unique.

DARK SHADES.

- 1245. Black Knight.
- 1246. Shahzada.
- 1247. Black Michael.
- 1248. Othello.
- 1249. Stanley.

DWARF OR CUPIDS.

Pkt., 5c; oz., 10c; ¼ lb., 30c.

- 1250. White. The first dwarf sweet pea.
- 1251. Pink. Very dwarf, with large flowers.
- 1252. Beauty. Delicate rose color.
- 1253. Firefly. Dazzling scarlet.
- 1254. America. Crimson scarlet with white.
- 1255. Apple Blossom. Standard crimson pink.
- 1257. Royalty. Deep rosy pink.
- 1260. Mixed. Above and other Cupids.

BEST PURE WHITES (1264) MIXED. Blanche Burpee, etc. Pkt., 5c; oz., 10c.

LIGHT SHADES (1265) MIXED. Dainty, Modesty, etc. Pkt., 5c; oz., 10c.

LAVENDER and LIGHT BLUE (1266) MIXED. Lottie Eckford, etc. Pkt., 5c; oz., 10c.

SHADES OF PINK (1267) MIXED. Apple Blossom, Janet Scott, etc. Pkt., 5c; oz., 10c.

SHADES OF RED (1268) MIXED. Her Majesty, Mars, Salopian, etc. Pkt., 5c; oz., 10c.

BLUE AND PURPLE (1269) MIXED. Captain of the Blues, etc. Pkt., 5c; oz., 10c.

DARK SHADES (1270) MIXED. Black Knight, Shahzada, etc. Pkt., 5c; oz., 10c.

WINTER-FLOWERING SWEET PEAS.

1204. Extreme Early Varieties. This mixture contains the earliest varieties and will be found useful to florists and others for forcing under glass. These early varieties will produce Sweet Peas even in the open ground three weeks ahead of the Spencer and Grandiflora sorts. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.05, postpaid.

SWEET WILLIAM. Fine for borders. H. P.
1300. Single Mixed. Perfect flowers, 5c.
1301. Scarlet Beauty. Deep scarlet, 5c.

VERBENAS. Free-flowering, hardy annuals of low, spreading growth; great favorites.

1305. Olds' Finest Mixed. Largest flowers and the choicest colors. Pkt., 10c; 2 pkts., 15c.

1306. Mammoth Mixed. Large-flowering. 5c.

1307. Fine Mixed. All fine shades. Pkt., 5c.

1310. Mammoth White. Very choice. Pkt., 5c.

1311. Defiance. Bright scarlet. Pkt., 5c.

1312. Italian Striped. Very showy. Pkt., 5c.

WALLFLOWER. Fine for cutting. H. H. P.

1315. Single Mixed. Pkt., 5c.

1316. Golden Glory. Rich Gold. Pkt., 5c.

WILD CUCUMBER. 1320. Pkt., 5c.

ZINNIAS. Large free-flowering plants; always popular, fine for borders. H. H. A.

1325. Superb Double Mixed. Pkt., 5c.

1326. Dwarf Snowball. Pure white. Pkt., 5c.

1327. Dwarf Fireball. Bright scarlet. Pkt., 5c.

1328. Curled and Crested. Pkt., 5c.

1329. Fire King. Deep scarlet flowers 3 to 4 inches in diameter. Pkt., 10c; 2 pkts., 15c.

OLDS' CHOICE MIXED.

1350. A Whole Garden for 5 cents. This mixture is especially adapted for borders, along walks and for hiding unsightly places. All children are fond of flowers and this mixture contains seed suitable for a child's garden. Pkt. (¼ oz.), 5c.

If you order flower seed from this catalogue, no matter whether the order is large or small, we will give free, on request, a liberal-sized packet of (1350) Olds' Choice Mixed.



MIXED ANNUALS.

Many of our best flowers are annuals, easily raised from seed. If the seed is sown early in spring the plants rapidly attain perfection and bloom the same season. Those who wish a display of bright flowers, easily raised from seed the first season, should order some of our Mixed Annuals. Pkt. (¼ oz.), 5c; oz., 15c.

OLD-FASHIONED GARDEN MIXTURE.

For the sake of the old folks, who love the old-fashioned flowers, and for the value of the flowers themselves, you should never have a garden without some of the following: Bachelor's Button, Balsam, Candytuft, Hollyhock, Larkspur, Mignonette and others. Pkt. (¼ oz.), 5c.

We know our Flower Seeds will give satisfaction and in addition to the Cash Discounts mentioned on page 33, we will, providing the order amounts to 25 cents, or more, give free, on request, a full sized packet of Old Fashioned Garden Mixture.

MIXED PERENNIALS.

Why not have a bed of hardy perennials? It requires but little care when once established, and it will afford a succession of flowers from the earliest springtime throughout the whole season. Those who wish such a bed should order one of our large-sized (¼ oz.) packets of Mixed Perennials. Pkt., 10c; 2 pkts., 15c; oz., 25c.

No. 1. ANNUAL COLLECTION.

49c Worth for 15c.

This Flower Seed Collection is a great favorite—it contains 10 popular Annuals; fresh seeds. One packet each—10 packets in all—for 15 cts.: Aster 802, Balsam 860, Pink 952, Pansy 1073, Petunia 1102, Phlox 1112, Verbena 1307, Sweet Peas 1202, Mignonette (Sweet) 1035, and Sweet Alyssum 830.

Don't miss our New Sweet Peas—4 flowers to a stem. (See page 76.)

No. 2. GEM COLLECTION.

93c Worth for 25c.

This Collection is hard to beat—it includes some of our best varieties. One packet each—12 pkts. in all—for 25 cts.: Aster 806, Carnation (Marguerite) 900, Alyssum (Little Gem) 831, Mignonette 1035, Morning Glory (Japanese) 1045, Nasturtium 1050, Pansy 1077, Petunia 1101, Phlox 1111, Poppy 1121, Sweet Peas 1200, and Verbena 1306.

VEGETABLE PLANTS AND ROOTS

We have added vegetable plants to our list and can supply the following varieties in their proper season.

ASPARAGUS ROOTS. Strong, well developed two-year-old roots. See page 34.

CABBAGE PLANTS. For April and May delivery. Select Early Jersey Wakefield, Allhead Early, Early Spring. Doz., 12c; 2 doz., 20c; 50, 35c, postpaid. By express or freight, not prepaid: 2 doz., 18c; 50, 30c; 100, 50c.

CAULIFLOWER PLANTS. Transplanted from hotbed: ready in April and May. Improved Early Snowball, Dry Weather. ½ doz., 15c; doz., 25c; 2 doz., 45c, postpaid. Not prepaid, doz., 20c; 2 doz., 35c; 50, 60c.

CELERY PLANTS. Selected transplanted stock grown from our own seed; ready in July. White Plume; the earliest variety: Golden Self-Blanching, the best for all purposes; Winter Queen, the best variety for winter use. Doz., 15c; 2 doz., 25c; 50, 45c, postpaid. Not prepaid, 2 doz., 20c; 50, 35c; 100, 60c.

EGG PLANTS. Grown in pots; ready in May and June. Black Beauty, the best early variety; New York Improved, large, smooth and spineless. ½ doz., 45c; doz., 75c; 2 doz., \$1.25, postpaid. Not prepaid: Doz., 50c; 2 doz., 90c; 50, \$1.75.

HORSE RADISH. Good clean sets. Doz., 10c; 2 doz., 15c; 100 for 60c, postpaid. Not prepaid, 100 for 40c.

PEPPER PLANTS. Transplanted from hotbed: ready in May and June. Bell, or Bull Nose, the best known; Ruby King, the most popular red; Long Red Cayenne, hot and pungent. ½ doz., 15c; doz., 20c; 2 doz., 35c, postpaid. Not prepaid: Doz., 18c; 2 doz., 30c; 50, 50c.

RHUBARB ROOTS. Good strong roots. 10c. each; 3 for 25c; ½ doz., 40c; doz., 75c, postpaid. Not prepaid: ½ doz., 30c; doz., 50c; 2 doz., 80c.

TOMATO PLANTS. Transplanted from hotbed: ready in May and June. Spark's Earliana, very early; Success, second early; Matchless, fine tomatoes the entire season; Enormous, very large and smooth; Small Fruited Varieties, mixed. ½ doz., 15c; doz., 25c; 2 doz., 45c, postpaid. Not prepaid: Doz., 20c; 2 doz., 35c; 50, 60c.

SUMMER FLOWERING BULBS

Planted in spring will bloom all summer. There is no reason why every one should not plant a few Gladiolus and Dahlia Bulbs. They are as easily raised as potatoes, and when once given a trial will not be dispensed with.

OLDS' GLADIOLI.



PEACE. A grand new distinct white variety of more than special merit—see cut. The plant is very attractive; flowers are of good form and correctly placed on the stalk. Peace is not an early bloomer but is one of the best whites ever introduced. First size bulbs, 15c each; 2 for 25c; ½ doz., 75c, postpaid.

PRINCEPS. A very fine crimson-scarlet; flowers almost round, borne on spikes 4 ft. in height; 12 to 15 flowers to a spike. First size bulbs, 8c each; 3 for 22c; ½ doz., 45c, postpaid.



KUNDERDI GLORY. A new Gladiolus with ruffled petals. The large wide open flowers all face in the same direction—see illustration. Price: 8c each; 2 for 15c; ½ doz., 45c, postpaid.

MRS. FRANCIS KING. The new giant pink; striking in appearance both in daylight and artificial light. First size bulbs, 5c each; ½ doz., 25c, postpaid. Not prepaid, doz., 35c.

CHICAGO WHITE. One of the earliest varieties to bloom; 5 to 7 flowers open at one time—almost pure white. Price: 7c each; 2 for 13c; ½ doz., 40c, postpaid.

ROCHESTER WHITE. The famous white Gladiolus—comes nearer being pure white than any variety we know of. Price: 25c each; 2 for 45c; ½ doz., \$1.30, postpaid.



The Gladiolus ranks first among all summer flowering bulbs. The tall stately red, yellow and white flower spikes are very magnificent. They are easily grown and inexpensive. See illustration above.

SELECT MIXTURE. Mostly light. First size, 5 for 20c; doz., 40c, postpaid. Not prepaid: Doz., 25c; 100, \$1.20.

STANDARD MIXTURE. First size, 5 for 15c; doz., 25c, postpaid. Not prepaid: Doz., 15c; 100, \$1.00; second size 5 for 10c; doz., 20c, postpaid.

AMERICA. One of the finest for cutting or bedding; color a beautiful soft flesh pink; perfect in growth and habit. First size bulbs, 5c each; 4 for 20c; doz., 55c, postpaid. Not prepaid, doz., 40c.

AUGUSTA. A lovely pure white variety. Strong, straight spikes often having two and three branches. First size bulbs, 5c each; doz., 50c, postpaid. Not prepaid, doz., 35c.

MAY. A good forcing variety. Strong spikes, with pure white flowers, flaked with bright rosy crimson. Price the same as for America.

CARDINAL. Large handsome spikes, with clear intense scarlet flowers; very showy. First size bulbs, 12c each; 3 for 35c; doz., \$1.40, postpaid. Not prepaid, doz., \$1.25.

BRILLIANT. Scarlet and carmine with white throat; extra large flowers. First size, 6c each; 3 for 17c; doz., 65c. Not prepaid, doz., 50c.

SULPHUR KING. One of the best and clearest yellows yet introduced; fine large spikes. First size bulbs, 15c each; 2 for 25c; ½ doz., 75c, postpaid. Not prepaid, doz., \$1.35.

BARON HULOT. The best blue gladiolus. When cut in combination with Sulphur King, above, it makes a very fine effect. First size bulbs, 6c each; 3 for 17c; doz., 65c, postpaid.

DEBORAH. Dark red; **SUNLIGHT.** Light crimson with canary yellow throat; **CANARY BIRD.** Clear canary yellow, and one of the finest in existence. First size bulbs, 6c each; doz., 65c, postpaid. Not prepaid, doz., 50c.

SPECIAL OFFER. One each of the above ten varieties for 70c; your choice, any 3 for 25c.

DAHLIAS IN THE FIELD



Nothing more showy than our large Double Dahlias. No garden is complete without them. They are very easily grown from bulbs, sure to succeed, and make a beautiful show. We have a choice mixture and a few new named varieties, the best recent introductions of select Decorative and Show Dahlias.

DOUBLE MIXED. Made up of a mixture of a number of choice named varieties. The colors range from deep maroon, crimson and scarlet through all shades of pink and yellow to pure white. Single tubers, 5c each; 6 for 25c; 12 for 45c, postpaid. Undivided roots, not prepaid: 6c each; 6 for 28c; 12 for 50c.

RED HUSSAR. A pure cardinal red, large-flowering show Dahlia; flowers regularly formed on long, slender stems. Price: Single tubers, 6c each; 3 for 20c; 12 for 65c, postpaid. Undivided roots, not prepaid: 8c each; 12 for 55c.

CATHERINE DUER. Most beautiful glowing scarlet or geranium red, with no markings. It is a recent novelty from Newport gardens. Flowers very large, 7 inches across, opening out flat with wide petals. Price: Single tubers, 10c each; 3 for 30c; 12 for \$1.00, postpaid. Undivided roots, not prepaid: 12c each, 12 for \$1.00.

QUEEN OF YELLOWS. A pure yellow, large-flowering Show Dahlia. Early flowering and a strong, vigorous grower. Price, same as for Catherine Duer.

SYLVIA. A new decorative dahlia attracting much attention. Flowers 5 inches across, of fine form and full to the center, which is white, shading to soft pink at the rim. An early profuse bloomer, and a strong, healthy grower. Price, same as for Red Hussar.

MRS. ROOSEVELT. One of the largest and most popular of the new dahlias. Immense flowers, six to eight inches, of a light, delicate pink color. Perfectly double and very compact. Price: Single tubers, 20c each; 3 for 50c; 12 for \$1.95, postpaid. Undivided roots, not prepaid: 25c each; 6 for \$1.00.

CUBAN GIANT. An immense ball of bright maroon; early and free flowering. Price, same as for Catherine Duer.

MRS. WINTERS. Pure waxy white. Flowers very large, 5 to 7 inches in diameter, with large broad petals. A strong grower and splendid decorative variety. Price, same as for Red Hussar.

GOLIATH. Deep garnet red with long stem; **STORM KING.** Pure white, extra fine; **WM. AGNEW.** Rich dazzling red. Prices, same as for Catherine Duer.

SPECIAL OFFER. A single tuber each of the above ten varieties for 95c; your choice, any 3 for 35c; ½ doz., 65c, postpaid.

WOODROW WILSON. Bright red; free flowering and most desirable for cut flowers. Price: Single tubers, 22c each; 3 for 65c; 12 for \$2.45, postpaid. Undivided roots, not prepaid, 25c each; 12 for \$2.35.

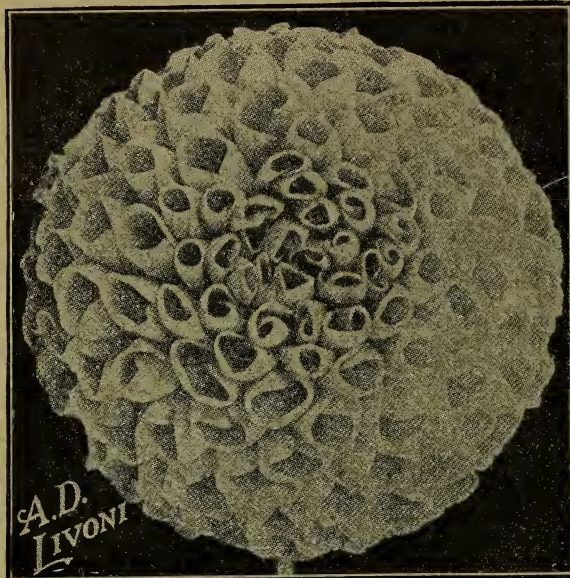
GIANT PURE WHITE (Dreer's). Claimed to be the best pure white Dahlia ever introduced. It is much admired and where shown has in most cases been awarded the first prize as the finest white show variety. Price, same as for Woodrow Wilson.

PRINCESS VICTORIA. The finest pure yellow dahlia in existence. Clear, pure canary yellow. Perfect form on long, slender stems. It is very early and a profuse bloomer. Price: Single tubers, 8c each; 3 for 20c; 12 for 75c, postpaid. Undivided roots, not prepaid, 10c each; 12 for 75c.

See page 80 for Beloit, Delice and other new Dahlias—recent introductions.



RED
HUSSAR



ers perfect in form, pure white in color and borne on long stems. Price same as for Beloit.

NEW DAHLIAS.

A. D. LIVONI. A splendid clear soft pink, beautifully quilled—see illustration opposite; of perfect form and very free flowering. Single tubers 8c each; 2 for 15c; ½ doz., 45c; 12 for 85c, postpaid. Undivided roots not prepaid: 10c each; doz., 80c.

BELIOT. A beautiful variety, very effective on account of its large flowers, borne on stems 18 to 20 inches long and held well above the foliage; these are full double of splendid form and a rich purplish garnet in color. Single tubers 20c each; 6 for \$1.00, postpaid. Undivided roots, not prepaid, 25c; 6 for \$1.00.

DELICE. A beautiful soft rose pink, of recent introduction; when cut it retains its freshness longer than any variety we know of, which makes it one of the most valuable for cutting. Single tubers, 18c each; 2 for 35c; 6 for \$1.00, postpaid. Undivided roots, not prepaid, 20c each; 6 for 85c.

LE GRAND MANITOU. The first variegated decorative Dahlia ever introduced; flowers from 5 to 6 inches across, borne on long stiff stems. Price same as for Beloit.

PERLE DE LYON. The most valuable white decorative Dahlia yet introduced; certain to become a great favorite; flowering perfect in form, pure white in color and borne on long stems. Price same as for Beloit.

TUBEROSE.

The Sweetest Scented Flower that Grows. The Tuberose is one of the most charming of our summer flowering bulbs; blooming all summer if started in March.

EXCELSIOR DWARF PEARL. The largest-flowering variety. First size: 5c each; 5 for 20c; doz., 40c, postpaid. Not prepaid, doz., 15c; \$1.00 per 100.

GLOXINIAS.

Charming flowers, varying from pure white to rose, crimson and violet. Best Mixed bulbs, each 6c; 2 for 10c; doz., 50c, postpaid. Not prepaid, doz., 45c; 50, \$1.75.

CINNAMON VINE.

The prettiest thing out. For full description see page 28 of plant catalogue—noted page 68. Good strong roots; 2 for 5c; doz., 25c, postpaid. Not prepaid, doz., 20c; ¥00, \$1.50.

EMERALD VINES.

An ornamental, useful and attractive climbing vine belonging to the same family as the cinnamon vine. The vines are of slender growth, but are very graceful and make a dense foliage. The foliage is a deep emerald green with a decided luster. Price, good strong roots, 4c each; 7 for 25c; doz., 35c, postpaid.

CANNAS.

Single tubers, 6c each; 3 for 15c; 6 for 25c, postpaid. Not prepaid, doz., 35c.

CHAS. HENDERSON. Crimson flowers.

FIREBIRD. New. Write for prices.

AUSTRIA. Large open, pure yellow flowers.

BEGONIAS.

Giant Tuberous-rooted. Very showy flowers of many brilliant colors.

Single: white, yellow, scarlet, pink, mixed, each, 5c; 6 for 25c; dozen, 45c, postpaid.

Double: white, yellow, scarlet, pink, mixed, each, 6c; 5 for 25c; dozen, 55c, postpaid.

SPECIAL BULB COLLECTION.

SUMMER FLOWERING BULBS. These bulbs will grow and bloom freely this season. They are fine varieties, in assorted colors. We offer the entire lot, 20 in all, worth 90c, by mail, postpaid, for 50c.

3 Double Dahlias, assorted	25c
6 Gladioli, standard mixed	15c
3 Tuberoses, Dwarf Pearl	15c
4 Cinnamon Vines	10c
4 Begonias, 2 Single, 2 Double	25c
2 Collections for 85c. Not prepaid, 2 for 50c.	

BABY RAMBLER ROSE. Just the rose for pot culture. It is identical in every way with the favorite Crimson Rambler, except that it is dwarf and bushy. It is a constant bloomer, grows 18 inches high, and the plant is almost hidden with roses. Strong plants, 15c each; 2 for 25c; 2-year-old plants, 35c each, postpaid.

BABY PRIMROSE. The first blooming plant we know of, blooming continuously throughout the entire season. 5c each. Two Baby Ramblers and 3 Baby Primroses for 35c, postpaid.

ROSES AND OTHER CHOICE PLANTS.

SEPARATE CATALOGUE FREE ON REQUEST.

Our plant department contains a carefully selected assortment of roses and other choice plants mostly grown on their own roots and all well rooted.

We guarantee all plants purchased of us to arrive in good condition for growing. They are sent by themselves at about the time for planting. Our list is a select one, of the best sorts, northern grown and hardy.

Our plant catalogue is a 32-page book, with cover. It is nicely illustrated and gives full descriptions of the best and newest in plant life. If you wish to combine your plant and seed order drop us a card before ordering and we will send you a copy.

A 175 page illustrated book on "Home Floriculture," telling how to cultivate and grow flowering plants, for 25c postpaid, or free with an order for flower seed, plants and bulbs amounting to \$2.00 or more.

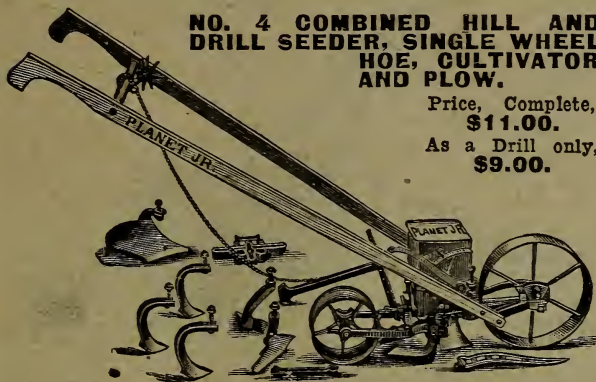
PLANET JR. FARM AND GARDEN TOOLS.

Space will not permit our showing and describing all of the Planet Jr. tools, but we will send a fully illustrated catalogue free for the asking. Planet Jr. goods are well-known and reliable.

NO. 4 COMBINED HILL AND DRILL SEEDER, SINGLE WHEEL HOE, CULTIVATOR AND PLOW.

Price, Complete, \$11.00.

As a Drill only, \$9.00.



No. 4 Combined Machine. Sows evenly in drills, and also drops in single hills, at 4, 6, 8, 12 or 24 inches apart. Hopper holds 2 quarts. The drill is detached and the tool frame substituted by removing but one bolt. It then becomes a single wheel hoe. We guarantee this drill to be more accurate than any other made and to give satisfaction.

No. 25 Combined Machine. A combination of the No. 4 Drill and No. 12 Double Wheel Hoe.

Price, Complete, \$13.50.

No. 6 Combined Machine. Hill and Drill Seeder and Wheel Hoe. Made with high wheel.

Price, Complete, \$13.50.

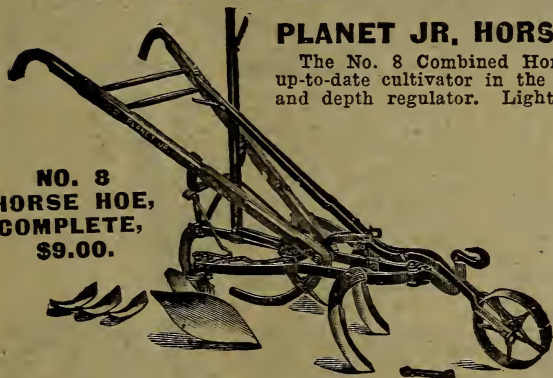
No. 28 Combined Machine. New for 1914. Large size and most perfect garden tool in the world.

Price, Complete, \$15.00.

PLANET JR. HORSE HOES AND CULTIVATORS.

The No. 8 Combined Horse Hoe and Cultivator is the most perfect, up-to-date cultivator in the world. It has both depth and width levers and depth regulator. Light and easily handled, but strongly built.

NO. 8 HORSE HOE, COMPLETE, \$9.00.



No. 8. Complete, \$9.00.

No. 9. One Lever With Wheel, \$7.75.

No. 4. Plain Cultivator, \$5.25.

No. 81. Horse Hoe, Cultivator and Hiller.

Has six cultivator teeth, two side plows and a furrowing shovel. Complete, \$10.00.

No. 10. Combined Horse Machine. New for 1914. Latest and best. Complete, \$13.00.

12-Tooth Harrow. The favorite with strawberry growers and truckers.

Complete, \$9.00. Without Pulverizer, \$7.40. With No. 9 Wheel, \$6.90.

STANDARD GARDEN TOOLS.

The Standard tools are made in the west for western conditions and are giving the best of satisfaction. We recommend them to our customers. Complete Standard catalogue free.



No. 20 Cultivator. High 24-inch wheel.

Price, as shown, \$3.25.

With Three-Shovel Attachment, \$3.50.

No. 9 Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator, Plow and Rake.

Sows in drills or in hills 4, 6, 8, 12 or 24 inches apart. Seeder attachment may be quickly removed and it may be easily changed from a single to a double wheel cultivator. Three practical tools in one.

No. 9. Complete as shown, \$12.00.

No. 11. Seeder only, \$9.00.

No. 4. Double Wheel Hoe & Cultivator, \$7.00.

No. 22. Single Wheel Hoe & Cultivator, \$5.90.

No. 2 Spring Beam Cultivator. A very satisfactory tool entirely under the operator's control. The arch clears the ground 15 inches and is adjustable in width from 7 to 11 inches.

Price, complete as shown, \$6.00.

Without Rakes, \$5.50.

Shovels and Hoes only, \$4.75.



Standard No. 2 Cultivator Complete.

BARKER WEEDER AND MULCHER.

Operates on the plan of a lawn mower. It is better than a hoe. It is ten times as fast. It is easy to operate. It forms a dust mulch. Buy a Barker Weeder and Mulcher and cut your garden the same as you buy a lawn mower to cut your lawn. It cuts the weeds under the ground as well as the weeds out of the ground. It pulverizes the ground fine, which holds the moisture to feed the plant.

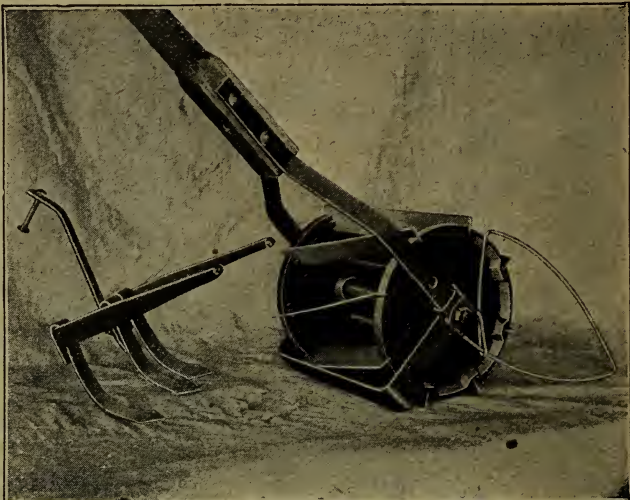
The lower knife in connection with the revolving blades kills every weed.

6-Inch Cut, for lettuce, \$5.00.

8½-Inch Cut, for onions and ordinary market crops, \$6.20.

11-Inch Cut, for beets and rutabagas, \$7.60.

(Prices include all attachments. Money back if not satisfied.)



INVINCIBLE POTATO PLANTER.



A great labor saver. Two acres a day can be planted with one of these tools. The sharp jaw enters the ground as easily as a spade. The handle is adjustable. It has a double leaf spring, and is strong and durable. Weight 5 lbs.

Price, reduced, \$1.10; 3 for \$3.00.

HANDY SEED CARRIER.

Made especially for the purpose, with iron hoop to keep the mouth open. Weight 1 lb. 45c; 3 for \$1.15.

KNOX CORN HANGERS.

Best hanger made. Used by all up-to-date corn growers. See illustration, page four.

2-Row (holding 14 ears), \$1.00 per doz.; \$7.00 per 100.

4-Row (holding 24 ears), \$1.50 per doz.; \$10.50 per 100.

("Picking and Drying of Seed Corn," free.)

RIGHT IDEA CORN HANGERS.

2-Row (10 ears), 85c per doz.; \$6.00 per 100.

PRUNING SHEARS. Wt. 1 lb. each.

Hand Pruner. Polished blades. Price, 65c.

Star Shears. Nickel plated blades. Price, 75c.

Solid Steel Shears. Clauss' best. Price, \$1.00.

HUMPHREY'S CONCAVE POTATO KNIFE.



Largely used by practical potato growers. Cuts to one eye without injuring the vital tissues. Pieces never stick together. Price, 30c; 3 for 75c, postpaid.

ACME CORN PLANTER.

Simple, durable and accurate. With the Pumpkin Seed attachment, pumpkins can be planted at the same time. Weight 5 lbs.

Price, plain, 75c; with Pumpkin Seed Attachment, \$1.00.

RACINE POTATO PLANTER.

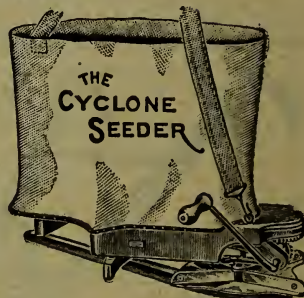
A popular, stick planter, at low price. Weight 4 lbs. Price, only 65c.



CYCLONE SEEDER.

The Cyclone has a national reputation as a High-Grade Seed Sower. It is built, not for cheapness, but for durability and accurate work. Just the thing for sowing all kinds of clover and grass seed, millet, rape, and even larger grains. Weight 4 lbs.

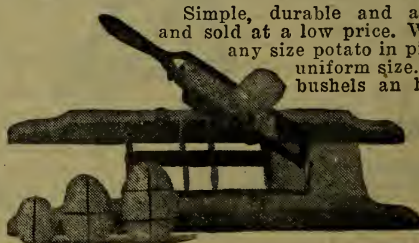
Price, \$1.50.



MILLER SEED POTATO CUTTER.

Simple, durable and accurate and sold at a low price. Will cut any size potato in pieces of uniform size. Cuts 8 bushels an hour.

Price, only \$2.50.



WATERPROOF PAPER FLOWER POTS.

Made of strong waterproof paper; light, unbreakable and will not rot.

		25	100	1000
2¼-inch Pots.	Weight, 80 per pound.....	\$0.10	\$0.35	\$ 3.00
2½-inch Pots.	Weight, 60 per pound.....	.15	.40	3.50
3-inch Pots.	Weight, 40 per pound.....	.20	.60	5.00
3½-inch Pots.	Weight, 30 per pound.....	.25	.75	6.25
4-inch Pots.	Weight, 25 per pound.....	.30	.95	8.25
5-inch Pots.	Weight, 15 per pound.....	.40	1.30	12.00
6-inch Pots.	Weight, 10 per pound.....	.55	1.85	16.50
Pot Labels, 4-inch, painted			.15	1.00

Note—Prices on these pages do not include postage. See Parcel Post table, page 88.





"NORCROSS" GARDEN CULTIVATOR—HOES.

MIDGET NORCROSS. Short handle for hand work. A favorite with women who have flowers. Weight, 12 ozs. Price, 25c.

3-PRONG NORCROSS. Light and can be used by women and children. Price, 50c. (Not mailable.)

5-PRONG NORCROSS. The standard size. A wonderfully useful tool. Every man with a garden, whether large or small, should have one. Price, 75c. (Not mailable.)

At a cost of 10c extra, we can supply malleable connection that will attach the 5-prong tool to any, style wheel plow.

EXCELSIOR WEEDER. A popular and cheap Hand Weeder. Weight 4 ozs. Price, 10c.



GARDEN TROWELS. Polished steel blade, hardwood handle. Sizes, 6 inch and 7 inch. Weight 6 ozs. Either size, 10c; 3 for 25c.

O. V. B. DIAMOND HOES.

Garden, shank handle, 7½ inch, 40c.

Garden, socket handle, 7½ inch, 50c.

Onion & Nursery, narrow blade, 7½ in., 45c.

STEEL BOW GARDEN RAKE. The best rake made. Will not break.

Prices: 14-tooth, 65c; 16-tooth, 70c.

LAWN RAKE. 24-tooth, wire. Price, 35c.

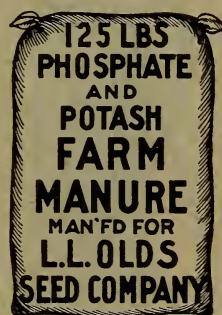
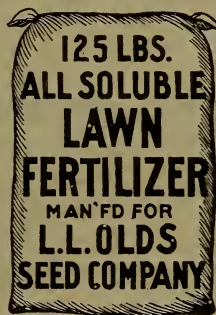
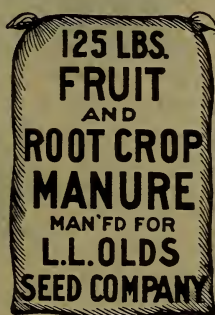
GRASS HOOK OR SICKLE. Price, 20c.

WISCONSIN LAWN MOWER. High 9-inch wheel, with 4 knives.

Prices: 16-inch, \$4.25; 18-inch, \$4.50.

LINDSAY LAWN MOWER. No better mower on the market than this. High driving wheels, large 5-knife cutting cylinder and best grade ball bearings. 16-inch, \$7.50; 18-inch, \$8.00.

HIGH-GRADE COMMERCIAL FERTILIZERS.



HIGH GRADE POTATO. Prepared especially for the potato crop. Doubles the yield. R. K. Crowl of Ohio increased his yield from 150 to 350 bushels per acre. Analysis, 2-8-10.

Prices: 25 lbs., 75c; 50 lbs., \$1.25; 125 lbs., \$2.50; 1,000 lbs., \$18.50; 2,000 lbs., \$35.00.

(Note—"Potato Production," a 16-page book on growing and handling potatoes mailed free.)

FRUIT AND ROOT CROP MANURE. For garden truck, potatoes, tobacco and fruits. Quick in starting and lasting in effect. Use 500 to 1,000 lbs. per acre. Analysis, 2-8-5.

Prices: 25 lbs., 60c; 50 lbs., 95c; 125 lbs., \$2.15; 1,000 lbs., \$15.50; 2,000 lbs., \$30.00.

LAWN FERTILIZER. "All Soluble." Best for lawns both new and old. Apply early in the spring at the rate of 25 pounds to every 1,000 square feet, distributing evenly. Analysis, 3½-8-4.

Prices: 10 lbs., 40c; 25 lbs., 75c; 50 lbs., \$1.25; 125 lbs., \$2.75; 1,000 lbs., \$20.00.

FARM MANURE. "Phosphate and Potash." A general-purpose fertilizer for ordinary farm crops, including corn and small grains. Sow 150 to 500 lbs. per acre. Analysis, 0-10-2.

Prices: 25 lbs., 40c; 50 lbs., 75c; 125 lbs., \$1.65; 1,000 lbs., \$10.50; 2,000 lbs., \$20.00.

TOBACCO GROWER. Should be used on every acre planted to tobacco. It greatly increases the growth and likewise the profit. Use 500 pounds per acre. Analysis, 2-8-5.

Prices: 25 lbs., 60c; 50 lbs., 95c; 125 lbs., \$2.15; 1,000 lbs., \$15.50; 2,000 lbs., \$30.00.

SUGAR BEET SPECIAL. Prepared specially for sugar beet growers. Use 200 to 1,000 pounds per acre according to condition of land. Analysis, 1-8-4.

Prices: 25 lbs., 50c; 50 lbs., 90c; 125 lbs., \$2.00; 1,000 lbs., \$14.00; 2,000 lbs., \$26.50.

(Ask for "Farmer's Almanac," telling all about Commercial Fertilizers and how to use them.)

PULVERIZED SHEEP MANURE. A pure natural manure taking effect immediately. Splendid for lawns, greenhouse plants, market garden crops of all kinds and fruit trees. Safe, quick in results and most satisfactory.

Prices: 1 lb., 10c; 5 lbs., 25c; 50 lbs., \$1.00; 100 lbs., \$1.75; 1,000 lbs., \$12.50.

(Ask for valuable little booklet "Fertile Facts," telling how to use sheep manure with different crops.)





Myers No. 305 Barrel Pump.

MYERS BARREL SPRAY PUMP.

The necessity of spraying orchards is now generally recognized, and a pump that can be attached to a barrel is necessary for trees of any size. The Myers Improved Brass Barrel Spray Pump No. 305, with Bronze Ball Valves, Brass Cylinder and Discharge Pipe, is thoroughly practical and we believe the best on the market.

Price, Complete with 15 feet of hose, Bordeaux nozzle and Mechanical Agitator, \$8.50.

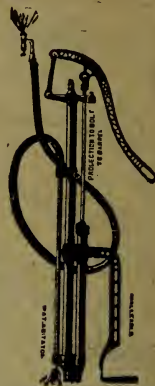
IDEAL SPRAYING OUTFIT.

A complete equipment for the small fruit grower or gardener. Galvanized tank holding 15 gallons mounted in a way that makes it convenient to handle. Ask for illustrated circular.

Price, Complete with 10 feet of hose and 10 feet pipe extension in 3 pieces, \$15.00.

BUCKET SPRAY PUMP.

Price, Complete, with hose and Bordeaux nozzle, \$4.00.



Bucket Spray.

BRANDT SPRAYER NO. 2.

Gives a steady, even discharge always at the same pressure. Works perfectly with Paris Green, Bordeaux Mixture and other liquid applications. Holds 3 gallons and one filling will spray a row one mile long.

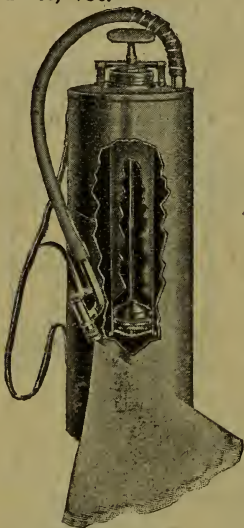
Galvanized, reduced, \$4.50. Brass (No. 3), reduced, \$5.50. Double Nozzle, extra, \$1.50. Tree Nozzle, \$1.50.

(Ask for Brandt Circular giving spraying formulas.)

LOWELL GRAND SPRAYER. Strong galvanized tank. Capacity one quart. Weight 1 1/4 pounds. Price, 75c.

GLASS TANK SPRAYER. The tank is a common fruit jar which can be easily replaced if broken. Price, 75c.

OLDS' SPECIAL. Best sprayer for the money. Holds one quart. Made of tin. Weight 1 1/4 pounds. Price, only 50c.



Auto-Spray No. 1.

THE AUTO-SPRAY NO. 1.

Tested and guaranteed to be satisfactory. Will handle all solutions including whitewash. Equipment, 2 feet of 1/2-inch hose, fine spray nozzle, solid stream cap, and either stop cock or patented self cleaning automatic auto-pop, as ordered. Shipping weight 15 lbs.

No. 1-A, Brass tank with Stop Cock \$6.75
No. 1-B, Brass tank with Auto-Pop 7.25
No. 1-C, Galv. tank with Stop Cock 4.50
No. 1-D, Galv. tank with Auto-Pop 5.00
Brass Extension, 2 foot..... .45

LENOX SPRAYER.

Spraying under the leaves kills the insects, removes the dust and keeps them healthy. Only 50c, postpaid.



Lenox Sprayer.

(A cake of tobacco soap free with each sprayer. Make suds and spray. Ask for circular.)

BUG DEATH

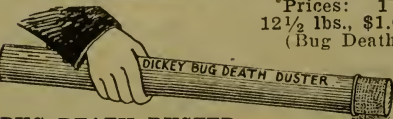
An Insecticide Free from Paris Green and Arsenic.

Does not burn the leaves, however freely applied. Is a fine powder and adheres readily to the vines, so that it is not necessary to apply it after every shower. May be applied wet or dry. It is non-poisonous, as far as human beings, animals, birds and honey bees are concerned.

It kills all kinds of bugs and worms that eat the leaves of plants, trees or vines and prevents blight. Does not injure the foliage, but keeps it green and healthy, and the extra cost is more than offset by the increased yield and superior quality.

Prices: 1 lb., 15c; 3 lbs., 35c; 5 lbs., 50c; 12 1/2 lbs., \$1.00; 100 lbs., \$7.50.

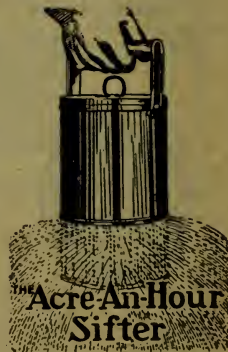
(Bug Death circular free on application.)



BUG DEATH DUSTER.
Weight, 10 ozs. Price, 25c.

ACRE-AN-HOUR SIFTER. The ideal tool for applying Bug Death and Slug Shot economically and effectively.

Price, 75c. Wt., 1 lb.



Acre-An-Hour Sifter



The "Brandt," Spraying 2 Rows at Once.



HERRMANN'S CALITE. A form of arsite that can be used with just plain water. Pint, 30c; qt., 50c.

BORDEAUX MIXTURE. The best fungicide for preventing black rot, mildew, blight, scab, etc., on fruit and vegetable plants. One pound will make 50 pounds liquid. Can be used just as needed. Every potato grower realizes now the importance of spraying for blight.

Prices: Lb., 20c; 5 lbs., 65c; 25 lbs., \$2.25; 50 gals., \$11.00.

HERRMANN'S TONICIDE.

For potato bugs and potato blight. New for 1914. A combined insecticide and fungicide. Takes the place of both Bordeaux and Paris Green. It kills the bugs, prevents blight and increases the yield 20 to 30 per cent. Ready for use by simply adding water.

Prices: Lb., 25c; 5 lbs., \$1.00; 10 lbs., \$1.70; 25 lbs., \$4.00; 50 lbs., \$7.50; 100, \$13.50.

ARSENATE OF LEAD. For all leaf-eating insects. Sticks to the leaves and stays there. Will not burn foliage and one application lasts a long time. Use 1½ pounds to 50 gallons water.

Prices: 1 lb., 25c; 2 lbs., 40c; 5 lbs., 75c; 12½ lbs., \$1.50; 25 lbs., \$2.75; 100 lbs., \$9.50.

LIME SULPHUR. Best of all sprays for fruit trees. Largely used now by leading orchardists everywhere and needed in every orchard.

Prices: Qt., 25c; 2 qts., 40c; gal., 65c; 5 gals., \$2.25; 10 gals., \$3.75; 25 gals., \$6.00; 50, \$10.

CUTWORM FOOD. For cutworms and cabbage worms. Very effective.

Prices: 1 lb. (sufficient for 75 to 100 hills), 25c; 10 lbs., \$1.35.

WEED KILLER. For killing grass and weeds on roadways, paths, tennis courts, ball diamonds, walks and gutters. Destroys all vegetation.

Prices: 1 qt., 45c; 1 gal., \$1.00; 5 gals., \$4.50; 10 gals., \$8.50.

POTATO SCAB DESTROYER. Treat your seed before planting and grow smooth potatoes. One pint will treat 20 bus. Price, pint, 50c.

SULPHO-TOBACCO SOAP. A powerful agent for the destruction of all bugs and insects. One or two applications will rid plants of pests.

3-oz. Cake (makes 1½ gals. prepared solution), 10c; 8-oz. Cake, 20c.

PLANT GROWER AND LAND RENOVATOR. A concentrated fertilizer for house plants. Prices: ½ lb. sample, 15c; 1½ lb. can, 25c.

"BONORA." This wonderful discovery is good for all living plants, lawns, rose bushes, shrubbery, vegetables, fruit, shade trees, etc. It invigorates and promotes the growth.

Trial package making 56 pints, 25c; 1 lb. making 28 gallons, 50c; 5 lbs., \$2.50.

TOBACCO DUST. For aphids, fleas, beetles, etc. Lb., 10c; 5 lbs., 30c; 10 lbs., 50c; 100 lbs., \$2.50.

PLANT FOOD TABLETS. Take the place of liquid manure. Used by dissolving in water. Starts the plants at once into healthy and vigorous growth.

Prices: 30 Tablets, sufficient for 10 house plants 3 months, 10c, postpaid; 100 Tablets, regular size box, 25c, postpaid; 250 tablets, 50c, postpaid.

Prices on these pages do not ordinarily include postage. See Parcel Post table, page 88.

PARIS GREEN

Our Paris Green is the celebrated Morris-Hermann Co. brand, of New York, the very best for purity and high quality.

Prices: ¼ lb., 10c; ½ lb., 18c; 1 lb., 30c; 2 lbs., 55c; 5 lbs., \$1.35; 14, 28 and 56 pound pails at 25c. (Cannot be sent by mail. Prices in quantity subject to change.)

HAMMOND'S SLUG SHOT.

A fine powder, easily distributed by duster, or in water by spraying. Thoroughly reliable for killing currant worms, potato bugs, cabbage worms, lice, slugs, etc. Cheapest and most effective remedy. Needed in every garden in America, during the growing time, to kill bugs and save foliage.

Prices: 1 lb. carton with perforated pot, 15c; 5 and 10 lb. bags, 6½c per lb.; 25 lb. bags at 6c; 125 lb. keg with duster at 5½c; 250 lb. barrel with duster at 5c.

("BUGS AND BLIGHT," a 24-page book free.)

HERRMANN'S ARSITE. A quick and positive destroyer of potato bugs, tobacco worms, codling moth and all other leaf-eating insects. One pint makes 135 gallons of spray.

Prices: ½ pt., 35c; pint, 65c.

A ready-mixed insecticide for killing potato bugs and other leaf-eating insects. Can be used with just plain water. Pint, 30c; qt., 50c.

The best fungicide for preventing black rot, mildew, blight, scab, etc., on fruit and vegetable plants. One pound will make 50 pounds liquid. Can be used just as needed. Every potato grower realizes now the importance of spraying for blight.

Prices: Lb., 20c; 5 lbs., 65c; 25 lbs., \$2.25; 50 gals., \$11.00.



Free Poultry Book.

HOW TO KEEP DISEASE OUT OF YOUR POULTRY YARD.

Tells you how to recognize and cure roup, catarrh, canker, cholera, dysentery, white diarrhoea, chicken-pox and other germ diseases.

Tells how to wipe out all insect pests.

It tells you all about the new B-K Sterilizing Method of Sanitation, the greatest step forward in poultry raising in many years. The simplest method of preventing and treating germ diseases of poultry.

Your profits depend on preventing losses.

Our new book shows you the way to do it.

Tells new facts about the new powerful germicide—B-K—ten times as effective as a germ destroyer as carbolic acid, yet not a poison.

We recommend this remedy in the highest terms.

Send today for free poultry book and sample bottle of B-K.

Better yet, include with your seed order a large bottle of this wonderful remedy. We recommend one gallon to every 50 birds.

Prices: 12 oz. bottle, 50c; by mail, 65c; qt., \$1.00; gal., \$2.00. (Quarts and gallons not mailable.)

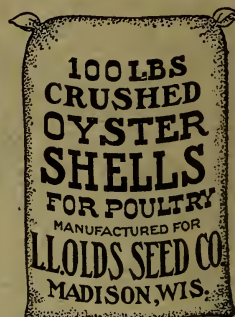


A sovereign remedy for germ diseases of poultry.

Safe to use in the home.

Use for cuts, boils, sore throats.

Kills all odors.



OLD GOLD POULTRY FOOD.

Olds' Old Gold Poultry Food is a complete feed for laying hens. It contains about a dozen different ingredients, including cracked corn, wheat, kaffir corn, sunflower seed, buckwheat, etc. There is no trash in it. Duly analyzed and licensed, and every sack guaranteed.

Prices: 10-pound sack, 25c; 100-pound sack, \$2.00; 3 sacks at \$1.90. Special prices in quantity. (With grit 10c per 100 pounds less.)

OLD GOLD CHICK FOOD.

Old Gold Chick Food is a dry food, suitable for chicks up to 8 weeks old. Our Chick Food is made up even more carefully than the Poultry Food. Licensed and guaranteed.

Prices: 10-pound sack, 25c; 100-pound sack, \$2.15; 3 sacks at \$2.05. Special prices in quantity. (With grit 10c less.)

PURE BEEF SCRAPS.

The finest thing to make hens lay in winter. Feed 3 times a week at the rate of one ounce to each fowl, mixed with the daily feed.

Prices: 100-pound sack, \$3.10. Smaller quantities at 3½ cents.

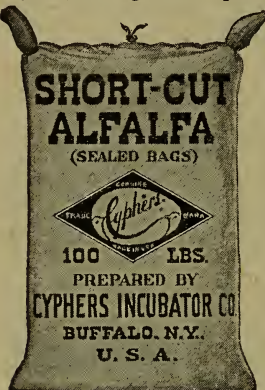
CRUSHED OYSTER SHELLS.

Best Baltimore stock, free from dust and dirt.

Prices: 100-pound sack, 75c; 3 sacks at 70c. Special prices in quantity.

SHORT-CUT ALFALFA (CYPHERS).

A high-grade article prepared by special machinery and entirely free from dust. Guaranteed 95 per cent pure. Alfalfa contains 14 to 18 per cent protein, the most valuable of food elements.



Price: 100-pound sack, \$2.00. Special prices in quantity.

MEALED ALFALFA (CYPHERS).

The ideal food for mashes. Common alfalfa meal contains more or less dust and dirt, but Cyphers' Mealed Alfalfa is clean.

Price: 100-pound sack, \$2.25. Special prices in quantity.

LAYING MASH (CYPHERS).

A mixture of sound, sweet, nutritious grains in ground form to which is added a liberal proportion of blood meal, and mealed alfalfa.

Price: 100-pound sack, \$2.25. Special prices in quantity.

BLATCHFORD'S "FILL THE BASKET" EGG MASH.

Made from Blatchford's Calf Meal as a base, combined with dried milk and other nutritious substances.

Prices: 25-pound sack, 70c; 100-pound sack, \$2.50.

FRENCH'S POULTRY MUSTARD.

Of great value during the moulting season. Feed one teaspoonful to every 12 fowls daily. Sold in sealed packages.

Prices: 1½-lbs., 35c; 3 lbs., 65c; 5 lbs., \$1.05; 10 lbs., \$2.00; 25 lbs., \$5.00. (Catalog free.)

CRUSHED CLAM SHELLS. Prices: 100-lb. sack, 60c; 3 sacks at 55c.

PEARL GRIT. For both grinding and shell making. Prices: 100-lb. sack, 65c; 3 sacks at 60c.

MIGO SPAR CUBICAL GRIT. The best pure grit we know of.

Prices: 100-lb. sack, 75c; 3 sacks at 70c.

(We have shells and grit in two sizes, poultry and chick.)

GRANULATED POULTRY BONE. Of great value as a bone, muscle and flesh producer.

Prices: 100-pound sack, \$2.60. Smaller quantities at 3c. We have three sizes, coarse, fine and meal.

DRIED BLOOD MEAL. A highly concentrated feed, rich in albumen and egg-forming materials.

Prices: 100-pound sack, \$3.60. Less at 4c.

GROUND CHARCOAL.

Prices: 50-pound sack, \$1.00. Less at 2½c.

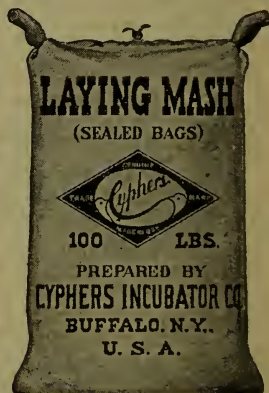
PRATT'S BABY CHICK FOOD. A scientific and famous food ration for chicks for the first three weeks. A great "Chick Saver."

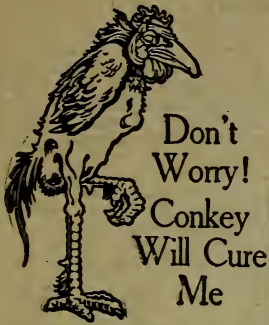
Prices: 3 lbs., 25c; 6½ lbs., 50c; 14 lbs., \$1.00; 50 lbs., \$3.00; 100 lbs., \$5.75.

GRAINS, ETC., FOR POULTRY. (Prices include sacks, but are subject to change.)

	Per 100 lbs.
Feed Wheat, choice grade.....	\$1.80
Cracked Wheat	1.90
Kaffir Corn	2.25
Cracked Kaffir Corn	2.30
Cracked Corn, coarse.....	1.80

	Per 100 lbs.
Cracked Corn, fine	\$1.85
Feed Millet	2.25
Wheat Bran, best grade.....	1.45
Hulled Oats, for chicks.....	2.75
Sunflower	4.25





CONKEY'S POULTRY REMEDIES.

We recommend Conkey's Poultry Remedies to you in the highest terms. They must satisfy you or your money is returned.

ONE REMEDY FOR EACH DISEASE.

- Conkey's Roup Cure. For sneezing, swollen-headed fowls. 25c, 50c and \$1.00, postpaid.
 Conkey's Bronchitis Remedy. For a disease often mistaken for Roup. 50c. (Wt., 10 oz.)
 Conkey's Gape Remedy. Valuable both as cure and preventive; 50c. (Wt., 10 oz.)
 Conkey's Chicken Pox Remedy. A reliable cure for this dangerous disease; 50c. (Wt., 10 oz.)
 Conkey's Limber Neck Remedy. For a disease caused by ptomaine poisoning; 50c. (Wt. 10 oz.)
 Conkey's Scaly Leg Remedy; 25c and 50c. (Wt., 5 and 10 oz. each.)
 Conkey's Rheumatic Remedy. Cures those lame and useless birds; 50c. (Wt., 10 oz.)
 Conkey's Poultry Laxative. A reliable laxative; 25c, postpaid.
 Conkey's Head Lice Ointment. Prevents loss of thousands of chicks; 10c and 25c, postpaid.
 Conkey's Poultry Worm Remedy. Gets rid of all the hurtful worms; 50c, postpaid.
 Conkey's Poultry Tonic. For birds which are run down; 25c. (Wt., 5 oz.)
 Conkey's Cholera Cure. For all diseases of the digestive organs; 25c and 50c, postpaid.
 Conkey's Blackhead Remedy. A special cure for blackhead; 50c, postpaid.
 Conkey's Lice Powder. A powder that actually kills the lice and does it instantly. 5 oz., 10c; 15 oz., 25c; 48 oz., 50c; 100 oz., \$1.00.
 Quick Loader Duster. For blowing powder into cracks and crevices. 10c each; 15c by mail.
 Conkey's Lice Liquid. To paint and spray on roosts, etc. Prices: Qt., 35c; 2 qts., 60c; gal., \$1.00. Not mailable.
 Conkey's Laying Tonic. Made to promote egg production and it does it. Your money back if you are not thoroughly satisfied.
 Prices: 1½ lbs., 25c; 3¼ lbs., 50c; 7 lbs., \$1.00; 25 lbs., \$3.00.
 Conkey's White Diarrhoea Remedy. This saves the chicks.
 Prices: 25c and 50c, postpaid.
 Conkey's Noxicide. A wonderful disinfectant and germicide. Good for scores of purposes. Invaluable in the house or out. Send for Special Book on Noxicide.
 Prices: Pt., 35c; qt., 60c; 2 qts., 90c; gallon, \$1.50. Not mailable.
 Conkey's Sulphur Fumigating Candles. 10c each; 3 for 25c. (Wt., 5 oz. each.)
 Conkey's Poultry Book. Filled with the best kind of information for the poultryman. A real book of reference. Price, 50c, or free on request with every order for Remedies amounting to \$1.00.
 Conkey's Fly Knocker. For farmers, stockmen and dairymen. 1 qt., 35c; 2 qts., 60c; 1 gal., \$1.00; 5 gal., \$4.00. Not mailable.
 Conkey's Dip and Disinfectant. A sheep dip and a disinfectant. Qt., 50c; 2 qts., 75c; gal., \$1.25. (Not mailable.)
 Conkey's Pino. A disinfectant for home use. 7 oz., 25c; pt., 50c. (Not mailable.)
 Conkey's Stock Tonic. Ahead of any condition powder. Lb., 25c; 2¼ lbs., 50c; 5 lbs., \$1.00.

PRATT'S REMEDIES.

Pratt's Poultry Regulator. The original poultry regulator of America. Used the country over. A guaranteed egg producer and preventive of disease.

26 oz. pkg., 25c; 4 lbs., 50c; 9 lbs., \$1.00; 12 lbs., \$1.25; 25 lbs., \$2.50.

Pratt's Roup Cure. Prevents and cures roup, colds, catarrh, etc. 25c, 50c and \$1.00 pkgs. (Postpaid.)

Pratt's White Diarrhoea Remedy. Saves many dollars' worth of little chicks to poultry raisers. 25c and 50c, postpaid.

Pratt's Poultry Disinfectant. A wonder-worker in the poultry yard. Qt., 35c; 2 qts., 60c; gal., \$1.00.

Pratt's Powdered Lice Killer. Kills all lice on little chicks, big chicks and setting hens. 5 oz., 10c; lb., 25; 2½ lbs., 50c.

Pratt's Condition Tablets. Keeps the poultry well. 25c and 50c, postpaid.

LEE'S REMEDIES.

Lee's Lice Killer. Famous and effective. Qt., 35c; ½ gal., 60c.

Lee's Insect Powder. 1½ lb. sprinkler-top cans, 25c.

Lee's Egg Maker. A highly concentrated food. 25c and 50c.

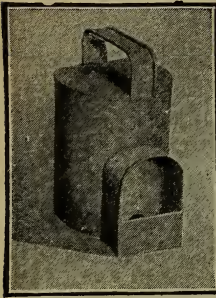
Lee's Germozone. A famous cure for Roup, Cholera, Bowel Complaint, Chicken Pox and other similar diseases. Also a preventive. Give in the drinking water twice a week. 50c per bottle. Not mailable.

Lee's White Diarrhoea Remedy. Saves the chicks. 50c, postpaid.

Lee's Flyo-Curo. A liquid preparation for horses, cattle and other animals during the summer and fall. 35c, 60c and \$1.00. Not mailable.

Note—Prices do not include postage unless so stated. See Parcel Post table next page.





SANITARY WALL FOUNTAINS.

May be hung on side walls or posts and so prevent litter getting in. Made of heavy galvanized iron, with good sized opening, easy to clean. Qt. (wt. 10 oz.), 30c; gal. (wt. 1 $\frac{3}{4}$ lbs.), 50c; 2 gal. (wt. 2 $\frac{1}{2}$ lbs.), 75c. Galvanized Drinking Fountains. 1 qt. (wt. 6 oz.), 20c; 2 qt. (wt. 1 $\frac{1}{4}$ lbs.), 25c; 3 $\frac{1}{2}$ qt. (wt. 1 $\frac{1}{2}$ lbs.), 35c; 7 qt. (wt. 2 $\frac{1}{4}$ lbs.), 50c. Eclipse Heated Drinking Fountain. Valuable in winter. 2 gal., \$2.00. Davis Klean Drink Founts. Can be used for either food or water. 1 qt. (wt. 6 oz.), 20c; 2 qt. (wt. 8 oz.), 25c. Snap-on Founts. Best kind for small chicks. 50c. Beef Scrap Hopper. Galvanized iron. Wt., 2 $\frac{3}{4}$ lbs. 50c each. Grit and Shell Box. Can be suspended from wall by handle. 2-Compartment (wt. 1 lb.), 35c; 3-Compartment (wt. 2 $\frac{1}{2}$ lbs.), 50c. Model Dry Food Hopper. Two-compartment. (Wt., 3 lbs.), 75c. Economic Food Hopper. A new style of general purpose hopper. The screen prevents hens from scattering the food. 75c. Boston Hopper. A famous dry food hopper. Large size (1 $\frac{1}{2}$ bu.),

Sanitary Wall Fount. \$1.00. (Wt. 5 lbs.)

Security Hopper. Best dry food hopper on the market. Peck size, \$1.25; half bushel size, \$1.75.

Smith Sealed Leg Bands. 12 for 30c; 25 for 50c; 60 for \$1.00; 100 for \$1.50, postpaid.

Sealers for Smith Sealed Leg Bands, 50c each.

Double Clinch Leg Bands. 12 for 15c; 25 for 25c; 50 for 40c; 100 for 65c, postpaid.

Leader Adjustable Leg Bands. Smoothest fastening. Prices, same as for Double Clinch.

Eclipse Leg Bands. Prices, same as for Double Clinch.

Climax Leg Bands. 12 for 15c; 25 for 30c; 50 for 45c; 100 for 75c, postpaid.

(Special Leg Band Circular free on request.)

Petty Perfect Poultry Punch. For puncturing the web. 25c, postpaid.

Clipper Poultry Punch. 25c, postpaid.

Metal Nests. Sanitary and durable. \$1.00 each.

Primm Round Brood Coops. Best brood coops made. \$2.25 each.

Anderson Egg Boxes. For shipping eggs. 1 Sitting (wt. 1 lb.), 15c;

2 Sitting (wt. 1 $\frac{1}{2}$ lbs.), 20c.

Anderson Chick Boxes. 25-chick size, 15c; 50-chick, 25c; 100-chick, 35c.

Eyrie Shipping Coops. Single Bird, 25c; Pair, 50c; Trio, 75c.

Self-Locking Egg Cartons. Dozen, 15c; 100, 80c.

Porcelain Nest Eggs. Made of flint glass. 3c each; 2 for 5c; doz., 25c.

Rat Corn. A new and scientific discovery. Kills rats and mice with no odor. It mummifies them and they simply dry up. Harmless to human beings and live stock. 25c, 50c and \$1.00 per can, postpaid.

Rat Terror. Guaranteed to clean out the rats. 35c and 50c.

SIX-IN-ONE EXERCISER FEEDER.

An exerciser and feeder—plus! Consists of central hopper for mixed grain and five other compartments for dry mash, meat scraps, shell, grit and charcoal. The user of a "6 in 1" can place it in his hen house, fill it, then go away for several days without misgivings about his flock.

Prices: 20 qt., \$3.75; 40 qt., \$4.75. (Ask for circular.)



PARCEL POST RATES IN EFFECT JANUARY 1, 1914.

These rates apply to merchandise and all miscellaneous things but not to seeds. Limit of weight now up to 150 miles, 50 pounds. Over 150 miles, 20 pounds. To find postage on over 10 pounds add for each additional pound at same proportionate rate.

WEIGHT	Local rate	Less than 150 Miles	150 to 300 Miles	300 to 600 Miles	600 to 1,000 M.	1,000 to 1,400 M.	1,400 to 1,800 M.	Over 1,800 M.
1 pound.....	\$0.05	\$0.05	\$0.06	\$0.07	\$0.08	\$0.09	\$0.11	\$0.12
2 pounds.....	.06	.06	.08	.11	.14	.17	.21	.24
3 pounds.....	.06	.07	.10	.15	.20	.25	.31	.36
4 pounds.....	.07	.08	.12	.19	.26	.33	.41	.48
5 pounds.....	.07	.09	.14	.23	.32	.41	.51	.60
6 pounds.....	.08	.10	.16	.27	.38	.49	.61	.72
7 pounds.....	.08	.11	.18	.31	.44	.57	.71	.84
8 pounds.....	.09	.12	.20	.35	.50	.65	.81	.96
9 pounds.....	.09	.13	.22	.39	.56	.73	.91	1.08
10 pounds.....	.10	.14	.24	.43	.62	.81	1.01	1.20

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INCUBATORS AND BROODERS

Cyphers Incubators.

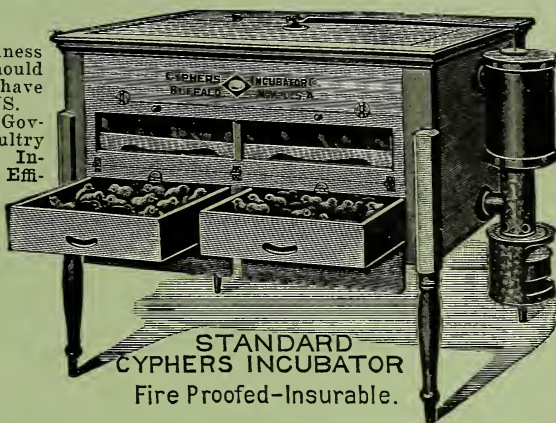
Practical poultry raisers who mean business and desire the greatest possible success should look for and demand the qualities that have made Cyphers Incubators WORLD FAMOUS.

Cyphers Incubators are largely used by Government Experiment Stations and large poultry plants everywhere. They are Fire-proofed, Insurable, Self-ventilating, Self-regulating, Efficient, Durable and Positively Guaranteed.

CYPHERS PRICES FOR 1914-

No. 0 Incubator, 70 Eggs.....	\$15.00
No. 1 Incubator, 144 Eggs.....	22.00
No. 2 Incubator, 244 Eggs.....	32.00
No. 3 Incubator, 390 Eggs.....	38.00
Style A, Outdoor Brooder.....	12.50
Style B, Outdoor Brooder.....	16.50
Style C, Outdoor Brooder.....	18.50
Style D, Indoor Brooder.....	11.50
Adaptable Outdoor Hover.....	8.50
New Portable Outdoor Hover.....	8.50

Write for Complete Cyphers Catalogue.



STANDARD
CYPHERS INCUBATOR
Fire Proofed-Insurable.

Prairie State Incubators and Brooders



Prairie State No. 1, 150 Eggs.
Price, \$22.50.

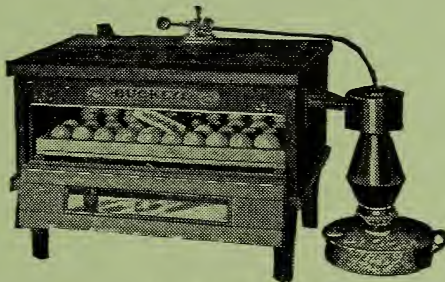
Prairie State Incubators are strictly high grade in every respect and they have an enviable reputation in all parts of the country, gained by thousands of tests made in large poultry plants. In fact, they are guaranteed to give entire satisfaction and they are durable.

PRAIRIE STATE PRICES FOR 1914.

No. 0 Incubator, 100 Eggs.....	\$18.00
No. 1 Incubator, 150 Eggs.....	22.50
No. 2 Incubator, 240 Eggs.....	32.00
No. 3 Incubator, 390 Eggs.....	38.00
No. 2 Jr. Incubator, 115 Eggs.....	15.00
No. 1 Colony House Brooder.....	20.00
No. 2 Colony House Brooder.....	16.00
No. 3 Colony House Brooder.....	12.00
Universal Hover, Indoor.....	6.00
Universal Hover, Outdoor.....	7.00

Large Illustrated Prairie State Catalogue Mailed Free.

Buckeye Incubators and Brooders.



Buckeye Style C, 50 Eggs. Price, \$6.00.

BUCKEYE PRICES FOR 1914.

Style C, Incubator. 50 Eggs.....	\$ 6.00
Style A, Incubator. 60 Eggs.....	8.00
Standard "60" Incubator. 60 Eggs.....	10.00
Standard "110" Incubator. 110 Eggs.....	15.00
No. 1 Indoor Brooder. 50 Chicks.....	8.00
No. 2 Outdoor Brooder. 50 Chicks.....	12.00
No. 5 Lampless Brooder. 25 Chicks.....	2.00
No. 6 Lampless Brooder. 50 Chicks.....	6.00

Ask for a Complete Catalogue. 100,000 Buckeyes Were Sold Last Year.

International Sanitary Hover.

International Sanitary Hovers are endorsed by practical poultrymen, state experiment stations and poultry judges. You can raise chickens anywhere with these Hovers, no specially constructed houses being necessary. They are as practical for the small back-yard poultry raiser as for large poultry farms. No crowding or smothering of chicks—no kneeling to get at the lamp—no cutting of holes or building of platforms.

We handled these Hovers last year and they gave splendid satisfaction to our customers. We recommend them most highly.



International Sanitary Hover.
Price, \$8.50 each.

Olds' Scotch Rural POTATO

350 Bu., Per Acre



The above scene shows a plot of six acres on which Mr. Adam Wipperfurth, who lives near Madison, raised 1400 bushels of Olds' Scotch Rurals. Part of the field yielded 350 bushels per acre, the average for the entire piece being 235 bushels.